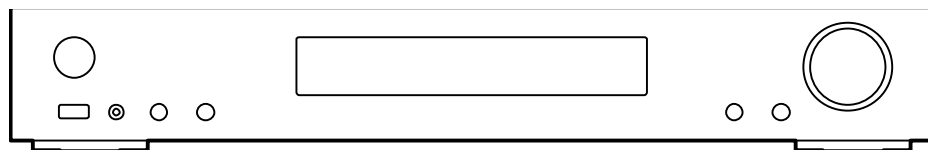


AV Receiver

DSX-3

Final Issue

Service Manual

**THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).**

Model	Color	Type	Power Requirement	Remarks
DSX-3	(B)	MUD	AC 100 V to 240 V	USA

Integra®

1. Safety-related component warning!!

Components identified by mark \triangle on the schematic diagram and by mark “!” in the parts list are critical for risk of fire and electrical shock. Replace these components with ONKYO parts whose part numbers appear as shown in this manual.

2. Safety check after servicing

- (1) To ensure safety, check that the covered insulating sheet or tube are removed, all parts and wires which are removed or disconnected while servicing have been put back to their original positions after servicing.
- (2) To insure structural integrity, check that all the screws or mechanical parts have been put back in their original positions after servicing.
- (3) Check that in the process of servicing or replacing parts that the surrounding area has not been contaminated or adversely affected.
- (4) After servicing an insulation check on the external metal connectors and between the blades of the power plug must be performed.

Method of checking insulation resistance

Unplug the power cord and short the both ends of the plug with a jumper wire.
Using a 500V insulation resistance tester, check that the insulation resistance value between the plug of the power cord and externally exposed metal parts is 1M Ω or greater.
※The mechanical power switch should be turned on if it is available.

3. Caution on replacing the battery

Danger of explosion if rechargeable batteries is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. When disposing of used batteries, please comply with governmental regulations or environmental public institution’s rules that apply in your country / area.

4. Other Cautions

- When AC plug is non-polarized and if Main or Primary fuse enters in the Neutral line of AC Mains supply or if there is possibility of Main or Primary Fuse entering in the Neutral line of AC Mains supply, then AC Mains supply must be disconnected to de-energize the circuit.
- Be sure to use only lead free solder.
- When soldering, please be careful not to use too much solder and affect adjacent components.
- When you repair the CD Player, Please do not stare into the beam in Optical Instruments and do not view directly since there is visible and invisible laser radiation when open the unit.



This service manual is intended for qualified service technicians; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual. Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

Note for Parts List

P L _ **T X - S R 3 4 3** (**B**) M **J J** . x l s x

Model No.

Color

Destination (仕向地記号)

Look at the rear panel serial number 6 digit.

Voltage (電圧記号)

Look at the rear panel serial number 5 digit.

(X)	Not related to color		
(B)	Black	(M)	Wood
(BR)	Brown	(O)	Orange
(C)	Cherry	(P)	Pink
(G)	Gold	(R)	Red
(GR)	Green	(S)	Silver
(H)	Gray	(V)	Violet
(K)	Black	(W)	White
(L)	Blue	(Y)	Yellow
(LB)	Light Blue		

D	120V AC
G	220~230V
H	220~230/240V
J	100V AC
M	220~240V AC
P	230V AC
U	100~240V AC
V	110~240V
W	120V/220~240V

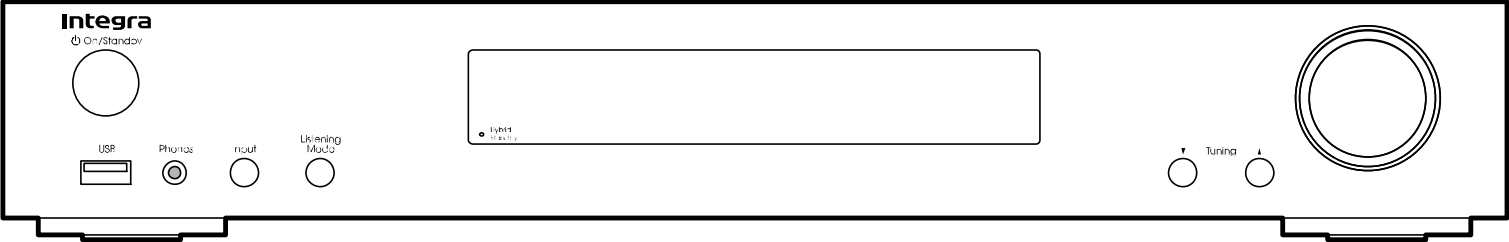
Speaker System (without AMP.):

0	Passive Subwoofer
F	Front Speaker
C	Center Speaker
R	Rear Speaker
B	Back Speaker

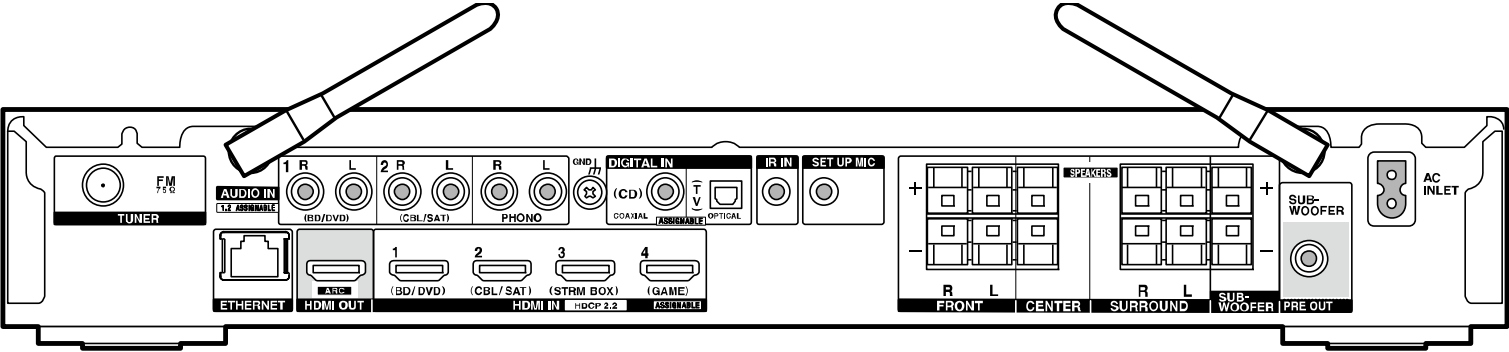
A	Australia		
B	United Kingdom	Speaker System (without AMP.) :	
C	North American	L	Left channel
D	USA	R	Right channel
F	Taiwan	0	Center channel
J	Japan		
K	Korea		
L	Russia		
P	Europe		
Q	Hong Kong		
R	China		
S	Brazil		
T	Thai		
U	Worldwide		

COMMON

Front Panel

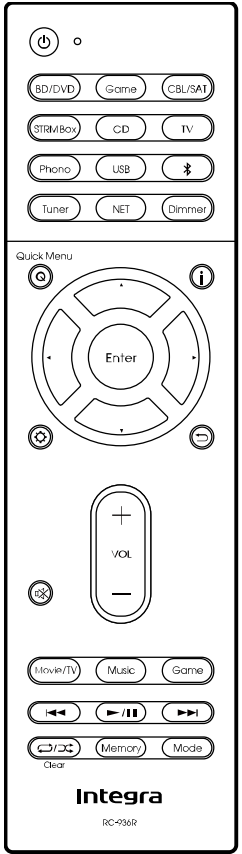


Rear Panel



Panel

Remote Control Unit
RC-936R



Accessory

1. Remote controller (RC-936R) (1)
2. Batteries (AAA/R03) (2)
3. Speaker setup microphone (1)
4. Indoor FM antenna (1)

Dimensions (W x H x D) : 435 mm x 70 mm x 325.5 mm (17-1/8" x 2-3/4" x 12-13/16")
Weight : 4 kg (8.8 lbs)

Reset

Reset

[STORE]

Save user setting data to internal memory

1. Set volume 12
2. Press [TUNE DOWN] +[ON/STANDBY] key, press ON/STANDBY twice
3. The device shows Firmware version on the FL display
4. The [HYBRID STANDBY] LED blinked
5. Press [MEMORY] key of remote controller
6. The FL display shows [WP0/BP00/P/FRE]
7. Press [>>] key of remote controller
8. The FL display shows [Setup Storing] [Complete]

[RECALL]

Reload User setting data from internal memory

1. Set volume 12
2. Press [TUNE DOWN] +[ON/STANDBY] key, press ON/STANDBY twice
3. The device shows Firmware version on the FL display
4. The [HYBRID STANDBY] LED blinked
5. Press [MEMORY] key of remote controller
6. The FL display shows [WP0/BP00/P/FRE]
7. Press [>>] key of remote controller
8. The FL display shows [Setup Storing] [Complete]
9. Automatically power off

[RESET]

You should save user data to internal memory before reset

1. Power on
2. Press [HOME Menu] key of remote controller
3. Enter [System Setup]
4. Select [Miscellaneous]
5. Select [Load Default]
6. Select [Yes]

IMPORTANT!!

Back Ground:

It is totally different from Radio Law at the each country on 5GHz band.
It means it is totally different from enabled Channel of 5GHz band at the each country.
We define the “Country Code” for 5GHz band.
You must set up the appropriate country code to the product.

Example;

Case1:
When you use the “P” destination products and bring move to Russia or Israel,
If you did not setup change country code and use in Russia and Israel,
You will be on the illegal Radio Law in Russia and Israel.
Case2;
When you use “C” or “D” destination product bring move to Japan or Taiwan,
If you did not setup change country code and use in Japan and Taiwan,
You will be on the illegal Radio Law in Japan and Taiwan.

Service Parts information:

The default country code is set on “Processing Circuit Board(PRC board)”.
You must make sure and set up the “Country Code” when you replace the processing circuit pc board (i.e. BAPRC-2045).
Otherwise You and your customer should be on the illegal Radio Law and

IT HAS POSSIBILITY TO HAVE A RISK OF
PUNISHMENT FROM EACH COUNTRY GOVERNMENT.

If you did not make sure country code and no setup code and face any trouble,
We does not have any responsibility.

For setting up the Country Code,
Please ask the procedure of changing country code
to your distributor or our sales.
It is no described the procedure of changing Country Code on this Service Manual

If you have any trouble of unclear procedure for update country code,
Please contact our sales department.

PRC Board Default Value of Country Code

The PRC board is already set default Country Code by the representative destination.
To confirm the default country code, Please refer to the "How to read PRC Board part
number and Default value of Country Code" section.

IMPOTANT!!**Make sure and Setup Country Code**

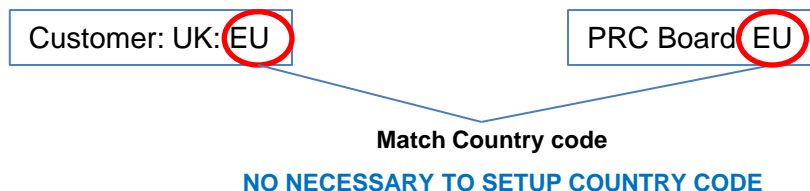
You have to make sure country code for using or replacing “Processing Circuit PC Board”.

It means that you have to make sure [country code](#) between using Processing Circuit PC board(PRC Board) and your customer’s country code.

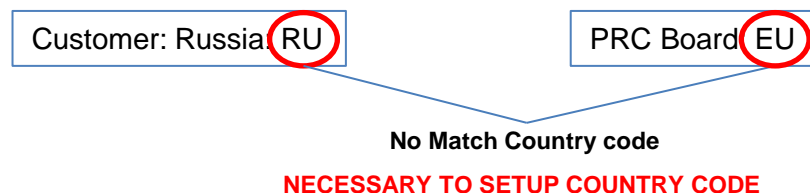
When it is not match PRC board default country code and customer’s country, you have to setup [Country Code](#).

Case3;

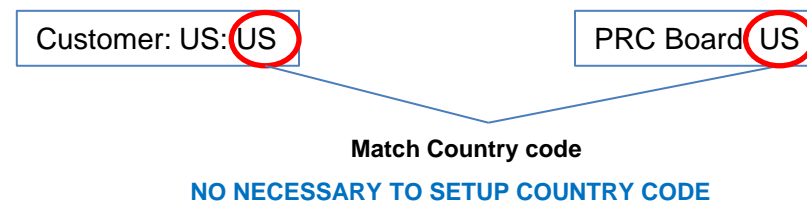
When you repair the “P” destination products and replace “P” destination PRC Board and the customer live in UK, It is no necessary to setup Country Code
Because “P” destination PRC board already setup “EU” country code.

**Case4;**

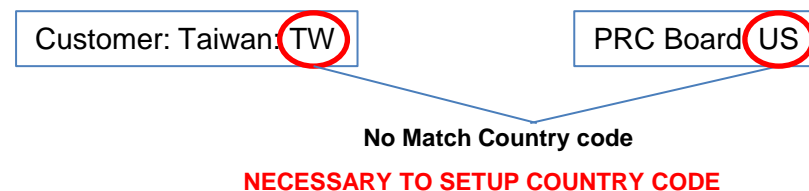
When you repair the “P” destination products and replace “P” destination PRC board and the customer live in Russia, It is necessary to setup Country Code
Because “P” destination PRC Board already setup “EU” country code.
However, the customer’s country code is “RU”. It means no match PRC Board code and Customer’s code.

**Case5;**

When you repair the “C” destination products and replace “C” destination PRC board and the customer live in US, it is no necessary to setup Country Code
Because “C” destination PRC board already setup “US” country code.

**Case6;**

When you repair the “C” destination product and replace “C” destination PRC board and the customer live in Taiwan, It is necessary to setup Country Code.
Because “C” destination PRC Board already setup “US” country code as default.
However, the customer’s country code is “TW”. It means no match PRC Board code and the customer’s country code



Region	Country	Code
America	USA	US
	Canada	US
	Mexico	US
	Brazil	US
	Chile	CL
	Guatemala	US
	Puerto Rico	US
	Trinidad	TT
	Dominican Rep	US
	Argentina	AR
	Ecuador	US
	Paraguay	PY
	Colombia	US
	Guam	US
	Panama	US
	Costa Rica	US
	Uruguay	UY
	Peru	PE

Region	Country	Code
Asia / Oceania	Japan	JP
	China	CN
	Hong Kong	EU
	Korea	KR
	Taiwan	TW
	Singapore	SG
	Malaysia	MY
	Philippines	EU
	Vietnam	EU
	Indonesia	ID
	Sri Lanka	EU
	Australia	AU
	New Zealand	AU
	Thailand	EU
	India	IN
	Pakistan	PK

Region	Country	Code
Middle East	UAE	EU
	Bahrain	BH
	Kuwait	KW
	Oman	EU
	Qatar	QA
	Lebanon	EU
	Jordan	JO
	Saudi Arabia	EU

Region	Country	Code
Europe / Africa	Germany	EU
	UK	EU
	France	EU
	Netherlands	EU
	Italy	EU
	Switzerland	EU
	Denmark	EU
	Sweden	EU
	Austria	EU
	Belgium	EU
	Spain	EU
	Norway	EU
	Finland	EU
	Czech	EU
	Israel	IL
	Ukraine	EU
	Hungary	EU
	Slovakia	EU
	Luxembourg	EU
	Turkey	EU
	Portugal	EU
	Malta	EU
	Latvia	EU
	Poland	EU

Region	Country	Code
Europe / Africa	Cyprus	EU
	Estonia	EU
	Slovenia	EU
	Bulgaria	EU
	Greece	EU
	Romania	EU
	Lithuania	EU
	Serbia	EU
	Croatia	EU
	Ireland	EU
	Macedonia	EU
	Moldova	EU
	Russia	RU
	Andorra	EU
	Armenia	EU
	Azerbaijan	EU
	Belarus	EU
	Bosnia and Herzegovina	EU
	Northern Cyprus(Turkey)	EU
	Georgia	EU
	Iceland	EU
	Kazakhstan	EU

Region	Country	Code
Europe / Africa	Liechtenstein	EU
	Monaco	EU
	Montenegro	EU
	San Marino	EU
	Vatican City	EU
	Kosovo	EU
	Kaliningrad(Russia)	RU
	Gibraltar(UK)	EU
	Canary Islands(Spain)	EU
	Ceuta	EU
	Melilla	EU
	Morocco	MA
	Algeria	EU
	Tunisia	TN
	Egypt	EG
	Mauritius	US
	South Africa	EU

1B5142045-1DSX3MUD

Board No.

Suffix No.

Model Number Last 3 Digit

SX3 : DSX-3
D03 : HT-D03

Destination

PRC Board Default setting Country Code

Dst	Code	Main Country
C	US	North America
D	US	United State
S	US	Brazil
P	EU	Europe
B	EU	United Kingdom
Q	EU	Hong Kong
T	EU	Thai
L	RU	Russia
A	AU	Australia / New Zealand
R	CN	China
F	TW	Taiwan
K	KR	Korea
J	JP	Japan

You have to use Remote Controller for firmware update
Below procedure, it is operated by remote controller.

Step1 : [Tuning Down] + [ON/STANDBY] x 2 (by Main Unit)
Main Firmware Version will appear on the main unit's display.

Step2 : [Cursor UP +] (By Remote controller)
NET Firmware Version will appear on the main unit's display.

Step3 : [Cursor UP +] (By Remote controller)
DSP Firmware Version will appear on the main unit's display.

Step4 : [Cursor UP +] (By Remote controller)
VIDEO Firmware Version will appear on the main unit's display.

Step5 : [Cursor UP +] (By Remote controller)
OSD Firmware Version will appear on the main unit's display.

When you press [Cursor Down -] key, you can see previous version of the unit

[Preparation of Update]

- 1. Connect the USB storage device to your PC. If there is any data in the USB storage device, remove it.
- 2. Download the firmware file (package file) from the Onkyo FTP-server.
However European service partners should download the firmware file (package file) from the ExtraNet.

Onkyo FTP-server: <ftp://manex.onkyo.co.jp/>
ID and Password are those we informed when changed.
Filename is as follows: ONKSLM0001 _*****.zip

Unzip the downloaded file. A following file is created.
ONKSLM0001 _*****.of0
ONKSLM0001 _*****.of1
ONKSLM0001 _*****.of2
ONKSLM0001 _*****.of3
ONKSLM0001 _*****.of4

- 3. Copy it to the USB storage device. Be careful not to copy the zip file.
- 4. Remove the USB storage device from your PC.

How to Update (service mode) 1/2

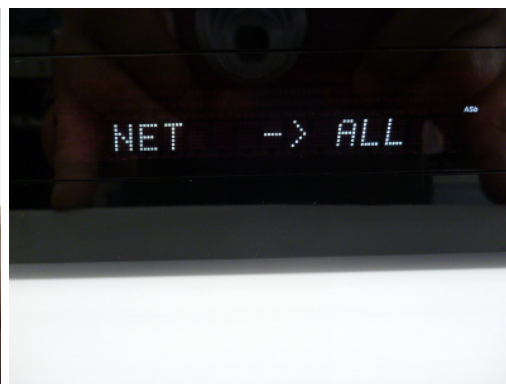
Firmware

Overwriting is also possible.

1. Connect the USB storage to the USB port on the unit.



2. Turn on the unit. It takes some time to start after you switch on the unit.
Press: [TUNING DOWN] + [ON/STANDBY] x 2
3. Press [RETURN] button on remote controller, Then it is displayed as below



If you need each module of the firmware update, you can select the module by pressing Cursor < and > button on the remote controller.

If you need change source NET or USB, you can select the source by pressing Cursor UP and Down key on the remote controller

It should be updated firmware by selecting USB -> ALL normally.

Please Do NOT choose T-SRV (it is test server)

USB -> ALL: ALL firmware update (default)

USB -> DSP1: DSP firmware update

USB -> OSD: OSD firmware update

USB -> VMPU: VMPU firmware update

USB -> NET: NET firmware update

USB -> MMPU: Main MPU firmware update

USB -> WORK: Compare between AVR and USB, Only update new version firmware

NET -> ALL: ALL firmware update (default)

NET -> DSP1: DSP firmware update

NET -> OSD: OSD firmware update

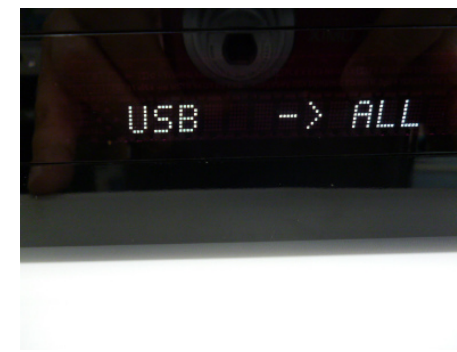
NET -> VMPU: VMPU firmware update

NET -> NET: NET firmware update

NET -> MMPU: Main MPU firmware update

NET -> WORK: Compare between AVR and server,
Only update new version firmware by network

The default setting is "ALL"



**CAUTION: When you will update each module firmware,
you have to keep combination of firmware.**

How to Update (service mode) 2/2

Firmware

4. Press [ENTER] button. Start update firmware.



5. Wait until update is completed. When the update ends, “Completed!” is displayed. When “ Completed!” message appeared, you can power off by pressing “ ON/STANDBY” button. (If you leave it, it automatically turns standby mode.)
6. Press [ON/STANDBY] button, and the unit turns on.
7. Check the new FW version number.

<Note>

If the procedure might not be successful, please select “USB -> ALL” again.

Process List

Protection

Item (signal name)	MCU Port			Detection Method	Status of Equipment	Warning Indication	Service information display	Recovery Procedure
	Port#	I/O	Active					
DC Detection (DC_DET)	3	I	Low	Observe with 20 msec interval and Decide by 3 sec continuously low level detection.	Shut down *Operation (except recovery procedure) is disabled.	LED: Blinks HYBRID STANDBY LED Display: AMP ERR	DC	[MODE] + [QUICK MENU](long press) by Remote Controller
Over Current Detection Amplifier Over temperature Detection (AMP_FAULT)	118	I	Low	Observe with 20 msec interval and Decide by low level detection.	Shut down	LED: N/A Display: CHECK SP WIRE	OL	POWER ON
Amplifier Power Supply Failure Detection (POFF2)	121	I	Low	Observe with 20 msec interval and Decide by 500 msec continuously low level detection.	Shut down	LED: N/A Display: AMP ERR	BERR	POWER ON

Service information (Detected protection history)

Purpose

The number of detections for various protection processes are displayed.

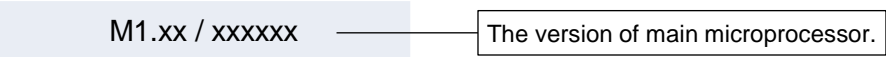
*The following operation needs remote controller.

How to enter to service information mode.

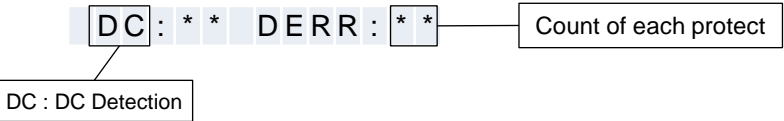
Step1 : [Tuning Down] + [ON/STANDBY] x 2 (by Main Unit)

Main Firmware Version will appear on the main unit's display.

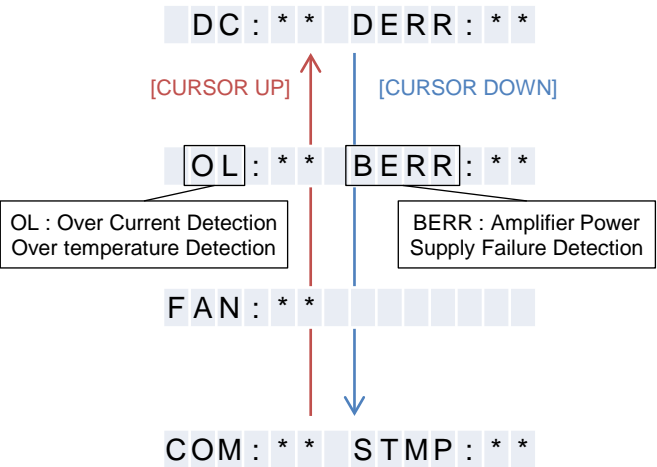
Then "HYBRID STANDBY" LED is blink.



Step2 : [<<] (by remote controller)



Step3 : [CURSOR UP] or [CURSOR DOWN] (by remote controller)



How to exit the service information mode.

Step : Press [i] button (by remote controller)

Return to normal operation

How to initialize the data in the service information.

Step : Press [RETURN] button (by remote controller)

Show as below and Clear "detect number od times"

P r o t e c t D a t a C L R

*Unit will once become standby and then turn on again automatically.

Model and Destination

- 1. Set Volume Level 12.
- 2. (Front Panel) [Tune+] + [ON/STANDBY]
- 3. Press [Dimmer] button on the Onkyo-Brand-Remote
- 4. Press [Up] button on the Onkyo-Brand-Remote 5 times

Model Name	Distination	FL Display													
TX-L50	xx	L	5	0					x	x		0	0	1	0
TX-L50	JJ	L	5	0					J	J		0	0	2	0
TX-L50WL	JJ	L	5	0	W	L			J	J		0	0	2	2
DSX-3	DD	D	S	X	3				D	D		1	0	0	0

No Sound

Hookup and Setting

■ No sound from connected player

- ☐ Chose input selector which is assigned to connected input terminal ?
- ☐ Isn't muting on ?

■ No sound from connected TV

- ☐ Chose wrong input selector ?
- ☐ Connect to this model's HDMI OUT terminal from TV by HDMI cable ?
- ☐ When TV supports ARC function, connect to his model's HDMI OUT terminal from TV's HDMI input terminal for ARC function ?
- ☐ When TV doesn't support ARC function, connect TV to this model with optical cable etc. ?
- ☐ Isn't muting on ?

■ No sound from some connected loudspeaker(s)

- ☐ No sound loudspeaker(s) config is enabled ?

■ No sound from all connected TV or Blu-ray player etc.

- ☐ After chose loudspeaker volume level setting, test tone is OK ?

■ No problem about above items

- ☐ Unplug power cord
After 10 seconds, connect power cord again
- ☐ Reset this model

No Picture

Hookup and Setting

- In general
 - ☐ Connection cable is bent , twisted or damaged ?
 - ☐ Input is switched on TV ?
- No picture from connected player by HDMI input terminal
 - ☐ Chose input selector which is connected to player ?
 - ☐ Listening mode is not Pure Audio ?
 - ☐ Don't use HDMI-DVI adaptor. From personal computer ?
- No picture from connected player by component video terminal
 - ☐ Output to TV connected to component video out terminal from player's picture connected to the composite video input terminals ?
- No problem about above items
 - ☐ Unplug power cord
After 10 seconds, connect power cord again
 - ☐ Reset this model

No Power

Hookup and Setting

- In general
 - ☐ Doesn't be connection cable bent, be it twisted and be it damaged?
- There is time when indication on the front panel doesn't just light up.
 - ☐ Please check the connecting cord of a DISPLAY PCB.
- No problem about above items
 - ☐ Unplug power cord
 - After 10 seconds, connect power cord again
 - ☐ Reset this model

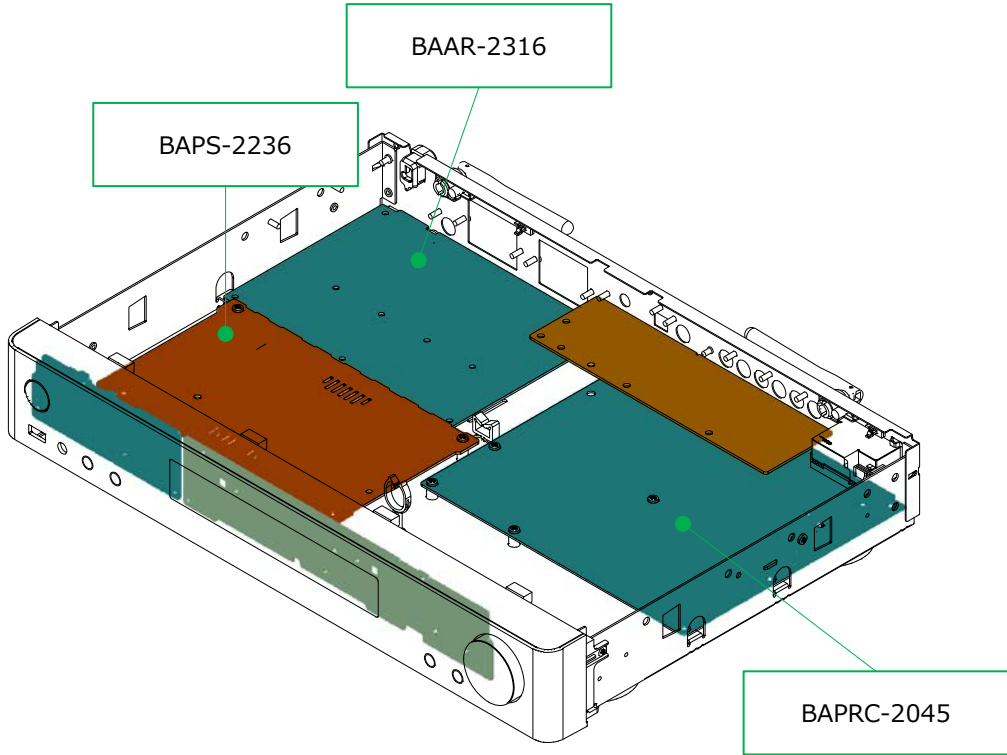
No Sound (HDMI in)

Trouble Shoot

Here the trouble shoot which focuses on the hardware troubles regarding PCB assembly is explained.
Of course, with actual repair there are also troubles due to damaged Power Transformer, Wiring, soldering etc. in addition to PCB assembly.

このトラブルシュートは故障している基板を特定するためのものです。
ここで見つかった故障基板だけが原因ではなく、電源トランス・接続線の結線・はんだ付けなどの不具合も考えられます

Process	Check Point	Check PCB Damaged PCB
1	<p>P904A</p> <ul style="list-style-type: none"> ● No.1~3 pin : +30V 	BAPS-2236
2	<p>R5606 or R5607</p> <ul style="list-style-type: none"> ● 後ろ側 : +30V <p>C5214</p> <ul style="list-style-type: none"> ● + : +12V <p>C5236</p> <ul style="list-style-type: none"> ● + : +3.3V 	BAAR-2316
3	<p>P2302A</p> <ul style="list-style-type: none"> ● No. 14 pin : Check signal ● No. 12 pin : Check signal ● No. 10 pin : Check signal ● No. 8 pin : Check signal 	BAPRC-2045
4	<p>P8702</p> <ul style="list-style-type: none"> ● No.5 pin : +3.3V <p>Or</p> <p>P8703</p> <ul style="list-style-type: none"> ● No.7 pin : +3.3V ● TP8105 : +3.3V ● TP8106 : +1.1V ● TP112 : +5.2V 	BAPRC-2045
6		BAAR-2316



- Each voltage is shown as the reference value.
- 各電圧は標準値です

TX-L50/L50WL, DSX-3,
BASE-V60/SW88V/SW88WL/
SW88V-DH/SW88WL-DH

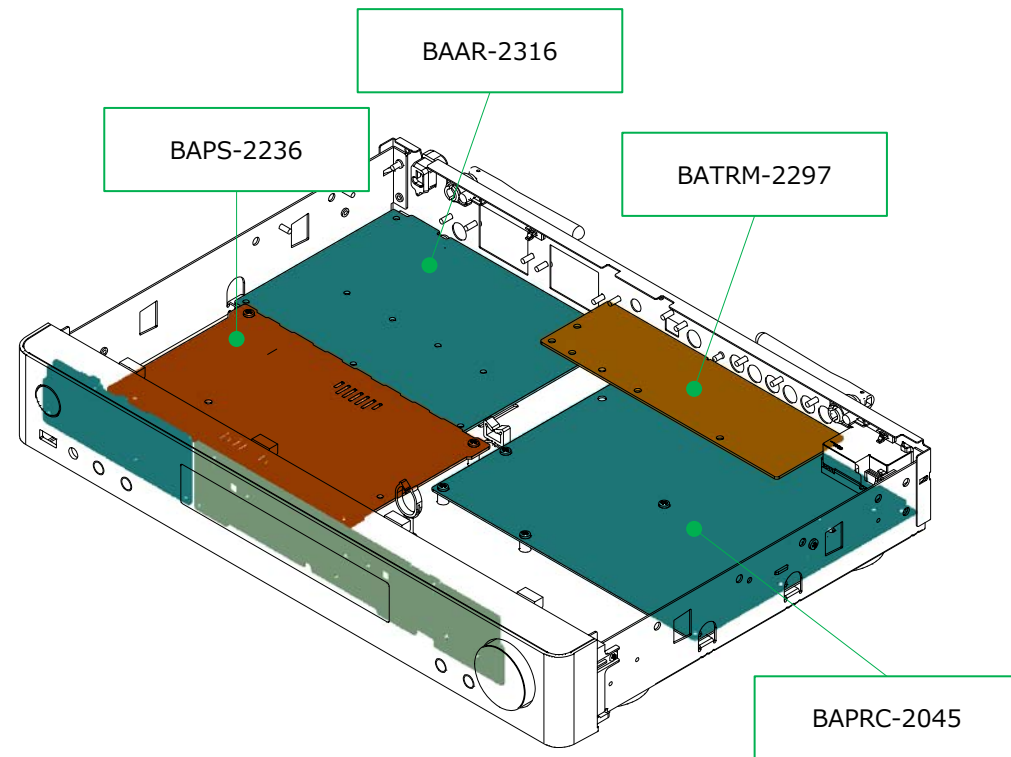
No Sound (Opt in)

Here the trouble shoot which focuses on the hardware troubles regarding PCB assembly is explained.
Of course, with actual repair there are also troubles due to damaged Power Transformer, Wiring, soldering etc. in addition to PCB assembly.

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Trouble Shoot

Process	Check Point	Check PCB Damaged PCB
1	<u>P904A</u> ● No.1~3 pin : +30V	BAPS-2236
2	<u>R5606</u> or <u>R5607</u> ● 後ろ側 : +30V <u>C5214</u> ● + : +12V <u>C5236</u> ● + : +3.3V	BAAR-2316
3	<u>P2502B</u> ● No. 14 pin : Check Signal	BATRM-2297
4	<u>P2502B</u> ● No. 8 pin : +3.3V	BATRM-2297
5	<u>P2302A</u> ● No. 14 pin : Check signal ● No. 12 pin : Check signal ● No. 10 pin : Check signal ● No. 8 pin : Check signal <u>P2502A</u> ● No. 4 pin : Check signal	BAPRC-2045
6	● <u>TP3431</u> : +1V ● <u>TP8105</u> : +3.3V <u>P2301A</u> ● No. 26 pin : +5V	BAPRC-2045
7		BAAR-2316



- Each voltage is shown as the reference value.
- 各電圧は標準値です

TX-L50/L50WL, DSX-3,
BASE-V60/SW88V/SW88WL/
SW88V-DH/SW88WL-DH

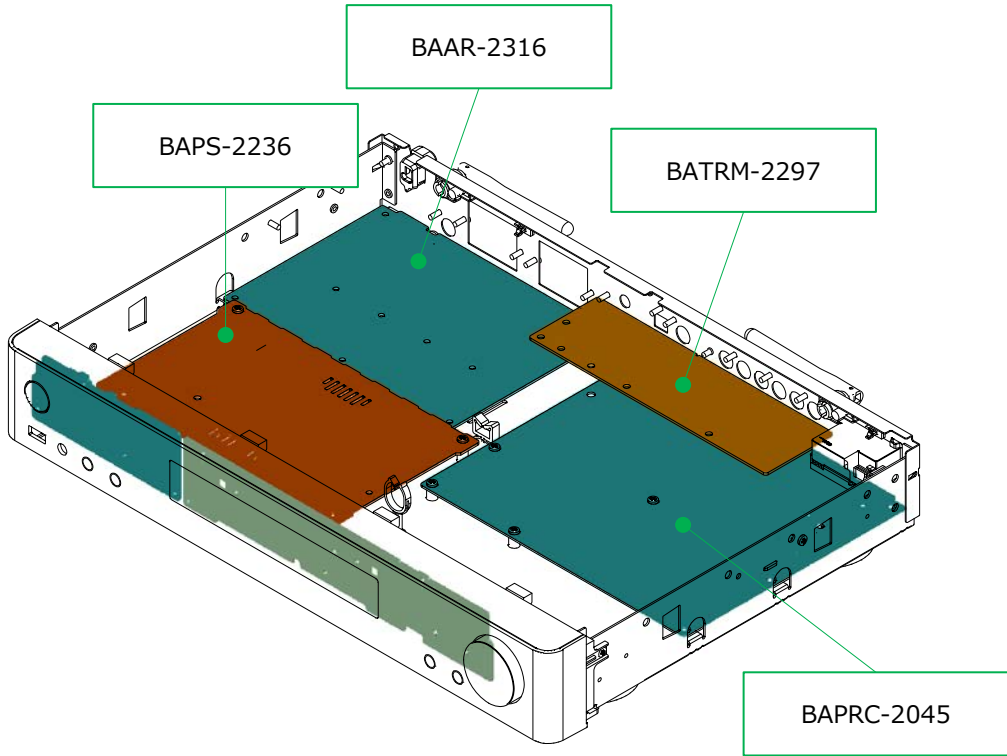
No Sound (Analog in)

Here the trouble shoot which focuses on the hardware troubles regarding PCB assembly is explained.
Of course, with actual repair there are also troubles due to damaged Power Transformer, Wiring, soldering etc. in addition to PCB assembly.

このトラブルシュートは故障している基板を特定するためのものです。
ここで見つかった故障基板だけが原因ではなく、電源トランス・接続線の結線・はんだ付けなどの不具合も考えられます

Trouble Shoot

Process	Check Point	Check PCB Damaged PCB
1	P904A ● No.1~3 pin : +30V	BAPS-2236
2	R5606 or R5607 ● 後ろ側 : +30V C5214 ● + : +12V C5236 ● + : +3.3V	BAAR-2316
3	P2501B ● No. 2 pin : Check Signal	BATRM-2297
4	C9072 ● + : +9V C9073 ● + : +5V	BATRM-2297
5	P2302A ● No. 14 pin : Check signal ● No. 12 pin : Check signal ● No. 10 pin : Check signal ● No. 8 pin : Check signal P2501A ● No. 14 pin : Check signal	BAPRC-2045
6	● TP3431 : +1V ● TP8105 : +3.3V P2301A ● No. 26 pin : +5V	BAPRC-2045
7		BAAR-2316



- Each voltage is shown as the reference value.
- 各電圧は標準値です

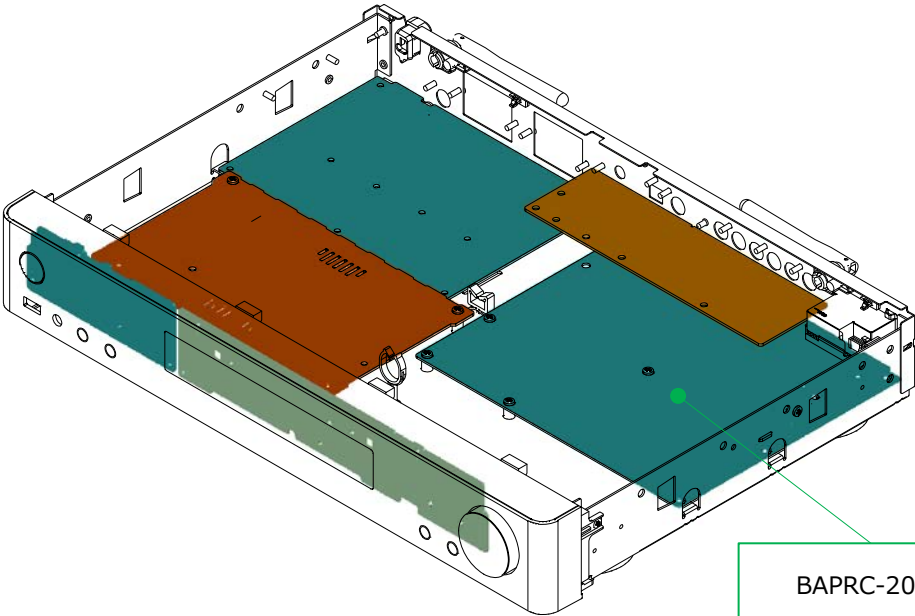
TX-L50/L50WL, DSX-3,
BASE-V60/SW88V/SW88WL/
SW88V-DH/SW88WL-DH

No Picture (HDMI in/ out)

Here the trouble shoot which focuses on the hardware troubles regarding PCB assembly is explained.
Of course, with actual repair there are also troubles due to damaged Power Transformer, Wiring, soldering etc. in addition to PCB assembly.

このトラブルシュートは故障している基板を特定するためのものです。
ここで見つかった故障基板だけが原因ではなく、電源トランス・接続線の結線・はんだ付けなどの不具合も考えられます

Process	Check Point	No Good OK	Check PCB Damaged PCB
1	<p>P8702</p> <ul style="list-style-type: none">● No. 5 pin : +3.3V <p>Or</p> <p>P8703</p> <ul style="list-style-type: none">● No.7 pin : +3.3V● TP8105 : +3.3V● TP8106 : +1.1V● TP112 : +5.2V		BAPRC-2045
2			BAPRC-2045



- Each voltage is shown as the reference value.
- 各電圧は標準値です

TX-L50/L50WL, DSX-3,
BASE-V60/SW88V/SW88WL/
SW88V-DH/SW88WL-DH

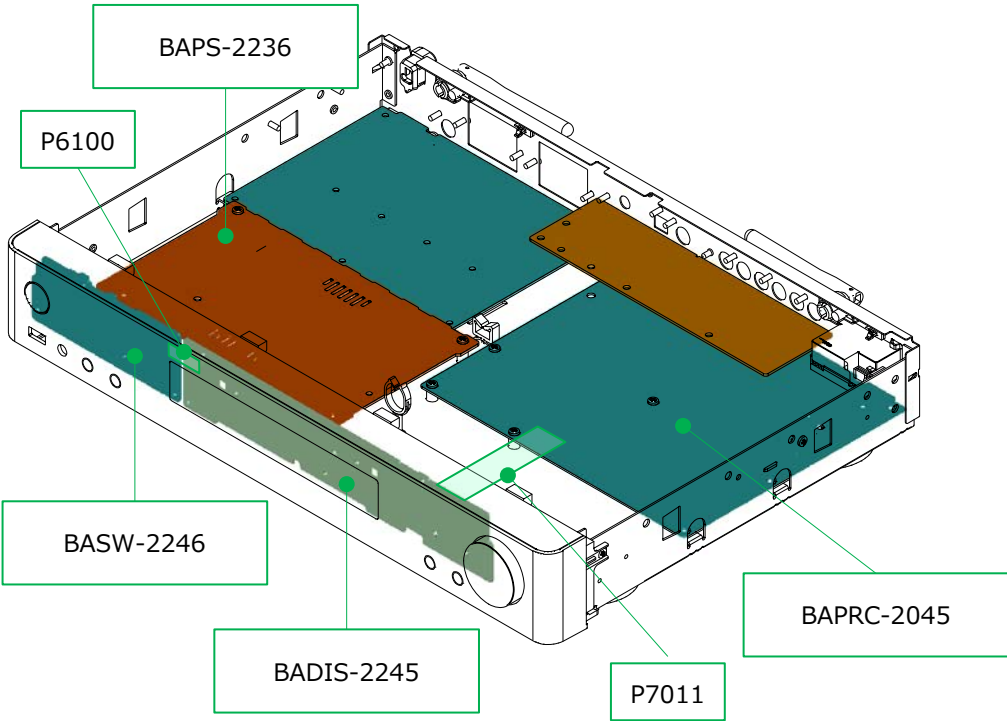
No Power

Trouble Shoot

Here the trouble shoot which focuses on the hardware troubles regarding PCB assembly is explained.
Of course, with actual repair there are also troubles due to damaged Power Transformer, Wiring, soldering etc. in addition to PCB assembly.

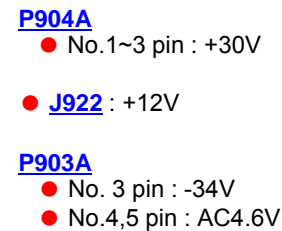
このトラブルシュートは故障している基板を特定するためのものです。
ここで見つかった故障基板だけが原因ではなく、電源トランス・接続線の結線・はんだ付けなどの不具合も考えられます

Process	Check Point	No Good OK	Check PCB Damaged PCB
1	<ul style="list-style-type: none">● J922 : +12V● P903A● No. 3 pin : -34V● No.4,5 pin : AC4.6V		BAPS-2236
2	<ul style="list-style-type: none">● P7501● No. 5 pin : +3.3V● P7011A● No.12,13 pin : 3.3V		BAPRC-2045
3	<ul style="list-style-type: none">● P7011A● No. 2 pin : Check signal● No. 6 pin : Check signal● No. 7 pin : Check signal● No. 8 pin : Check signal● No. 10 pin : Check signal● P2301A● No. 9 pin : Check signal● P7013A● No. 6 pin : Check signal● No. 7 pin : Check signal● No. 8 pin : Check signal		BAPRC-2045
4	<ul style="list-style-type: none">● TP6118 : +3.3V● TP6065~6066 : AC4.6V● C6023● + : +3.3V		BADIS-2245
5	<ul style="list-style-type: none">● TP6119 : Check signal● TP6120 : Check signal● TP6121 : Check signal● TP6122 : Check signal● TP6004 : Check signal		BADIS-2245
6	<ul style="list-style-type: none">● S9402● No. 2 pin : Check signal		BASW-2246
7			BAPS-2236



● Each voltage is shown as the reference value.
● 各電圧は標準値です

TX-L50/L50WL, DSX-3,
BASE-V60/SW88V/SW88WL/
SW88V-DH/SW88WL-DH



TX-L50/L50WL, DSX-3,
BASE-V60/SW88V/SW88WL/
SW88V-DH/SW88WL-DH

Check Point (BAAR-2316)

Trouble Shoot

R5606 or R5607

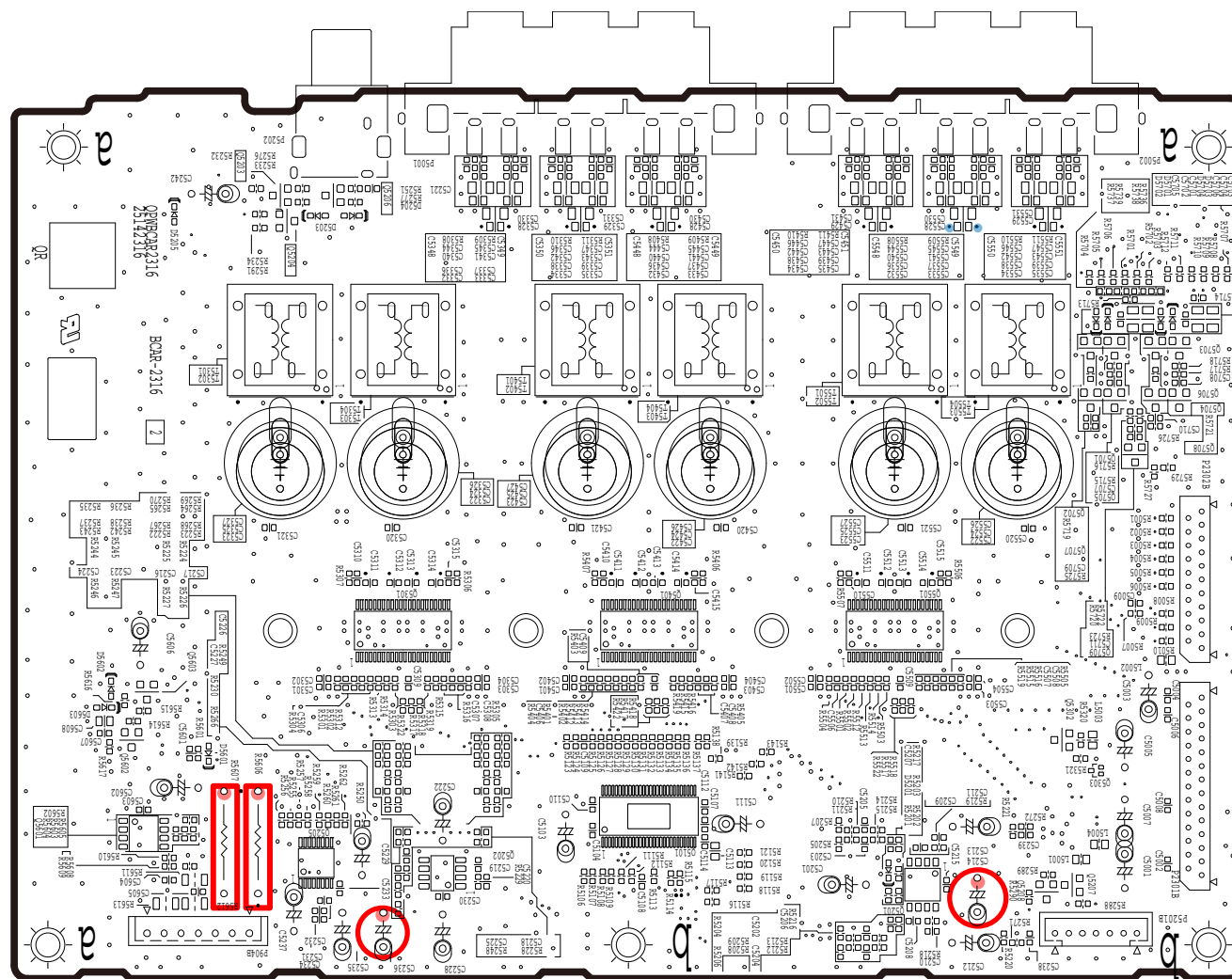
● 後ろ側 : +30V

C5214

● + : +12V

C5236

● + : +3.3V



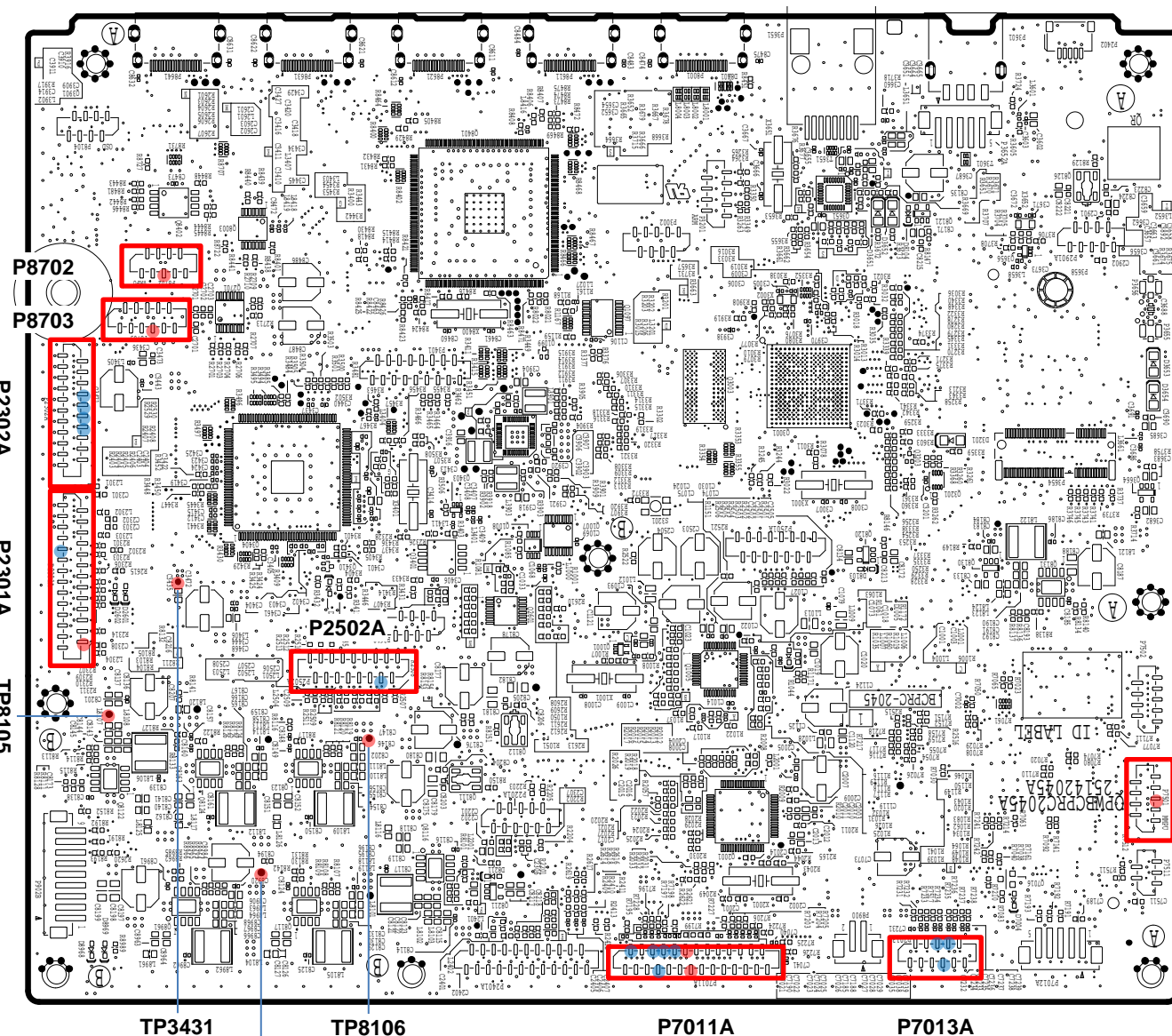
R5607 R5606 C5236

C5214

↓
Front

- Each voltage is shown as the reference value.
- 各電圧は標準値です

TX-L50/L50WL, DSX-3,
BASE-V60/SW88V/SW88WL/
SW88V-DH/SW88WL-DH

D
C
B
A**P2301A**

- No. 26 pin : +5V
- No. 9 pin : Check signal (High)

P2302A

- No. 14 pin : Check signal (Swing)
- No. 12 pin : Check signal (Swing)
- No. 10 pin : Check signal (Swing)
- No. 8 pin : Check signal (Swing)

P2501A

- No. 14 pin : Check signal (Input signal)

P2502A

- No. 14 pin : Check signal (OPT signal (NO → High, YES → SWING))

P7011A

- No. 12, 13 pin : 3.3V
- No. 2 pin : Check signal
(Remote Control Signal (NO → High, YES → SWING))
- No. 6 pin : Check signal (High)
- No. 7 pin : Check signal (High → Every ca.250msec(Low))
- No. 8 pin : Check signal (Low → Every ca.250msec)(High)
- No. 10 pin : Check signal (High → Every ca.250msec(Low))

P7013A

- No. 6 pin : Check signal (High)
- No. 7 pin : Check signal (High. While ON/STANDBY press → Low)
- No. 8 pin : Check signal (High. While ON/STANDBY press → Low)

P7501

- No. 5 pin : +3.3V

P8702

- No. 5 pin : +3.3V

Or P8703

- No. 7 pin : +3.3V

TP112 : +5.2V**TP3431** : +1V**TP8105** : +3.3V**TP8106** : +1.1V

● Each voltage is shown as the reference value.
● 各電圧は標準値です

TX-L50/L50WL, DSX-3,
BASE-V60/SW88V/SW88WL/
SW88V-DH/SW88WL-DH

C9072

● + : +9V

C9073

● + : +5V

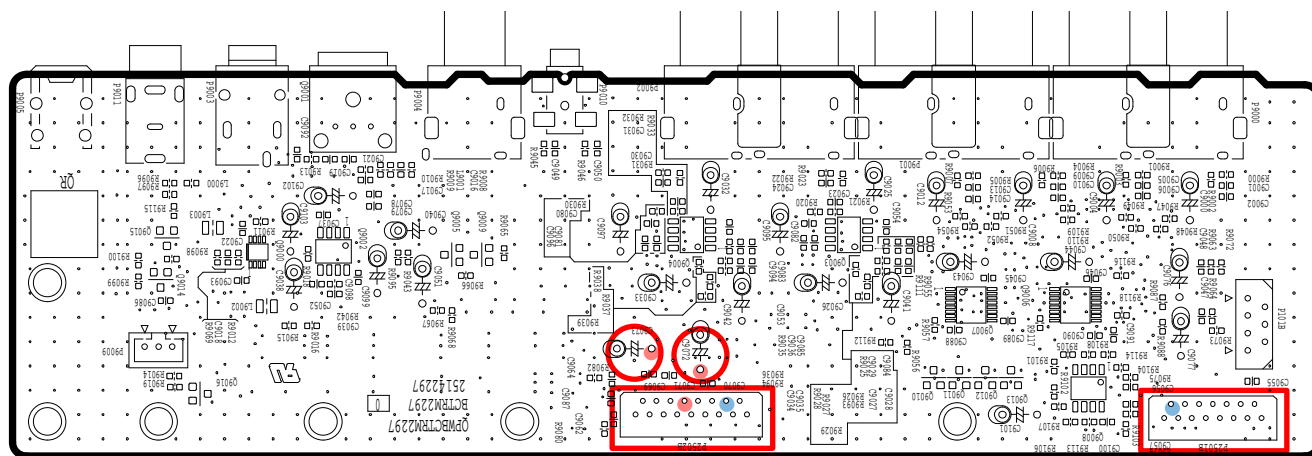
P2501B

● No. 2 pin : Check Signal (Input signal)

P2502B

● No. 8 pin : +3.3V

● No. 14 pin : Check Signal (Input signal (NO → High, YES → SWING))



C9073 C9072

P2501B

P2502B

- Each voltage is shown as the reference value.
- 各電圧は標準値です

TX-L50/L50WL, DSX-3,
BASE-V60/SW88V/SW88WL/
SW88V-DH/SW88WL-DH

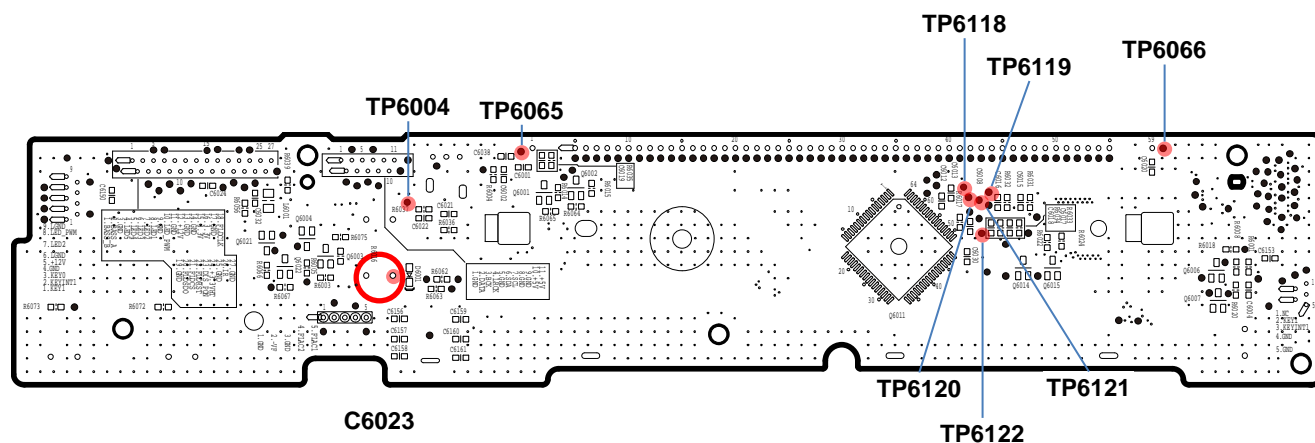
Check Point (BADIS-2245)

Trouble Shoot

C6023

● + : +3.3V

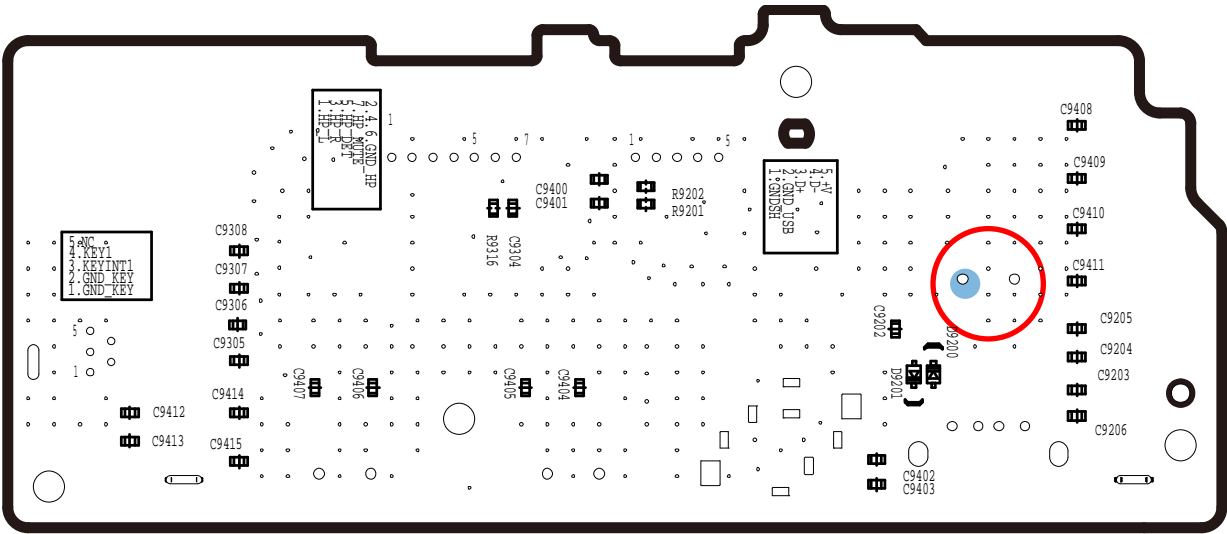
- [TP6004](#) : Check signal
(Remote Control Signal (NO → High, YES → SWING))
- [TP6065~6066](#) : AC4.6V
- [TP6118](#) : +3.3V
- [TP6119](#) : Check signal (Low → Every ca.250msec High)
- [TP6120](#) : Check signal (High → Every ca.250msec Low)
- [TP6121](#) : Check signal (High → Every ca.250msec Low)
- [TP6122](#) : Check signal (High)



- Each voltage is shown as the reference value.
- 各電圧は標準値です

TX-L50/L50WL, DSX-3,
BASE-V60/SW88V/SW88WL/
SW88V-DH/SW88WL-DH

- [S9402](#)
- No. 2 pin : Check signal (High. While ON/STANDBY press → Low)

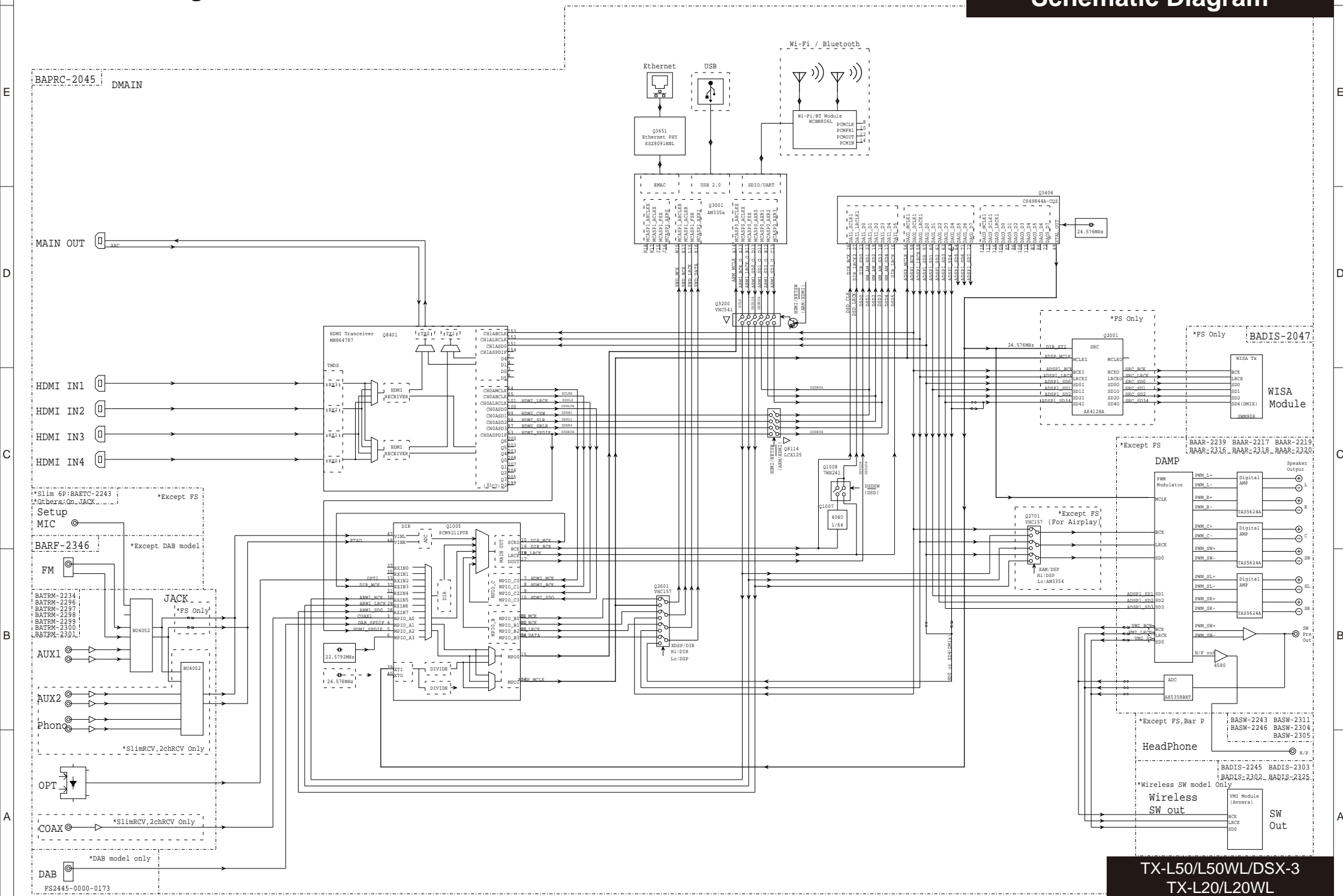


S9402

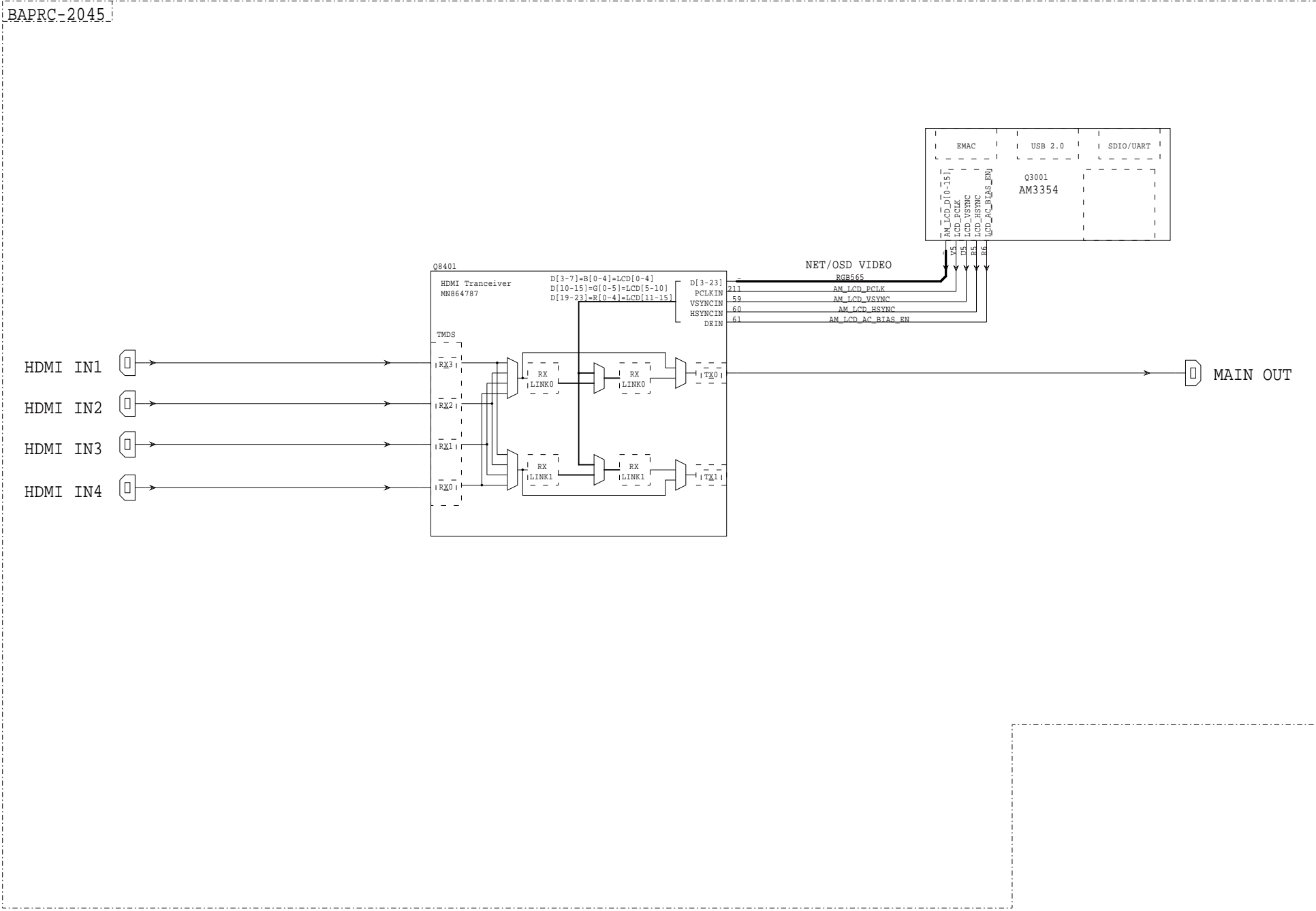
- Each voltage is shown as the reference value.
- 各電圧は標準値です

TX-L50/L50WL, DSX-3,
BASE-V60/SW88V/SW88WL/
SW88V-DH/SW88WL-DH

Schematic Diagram



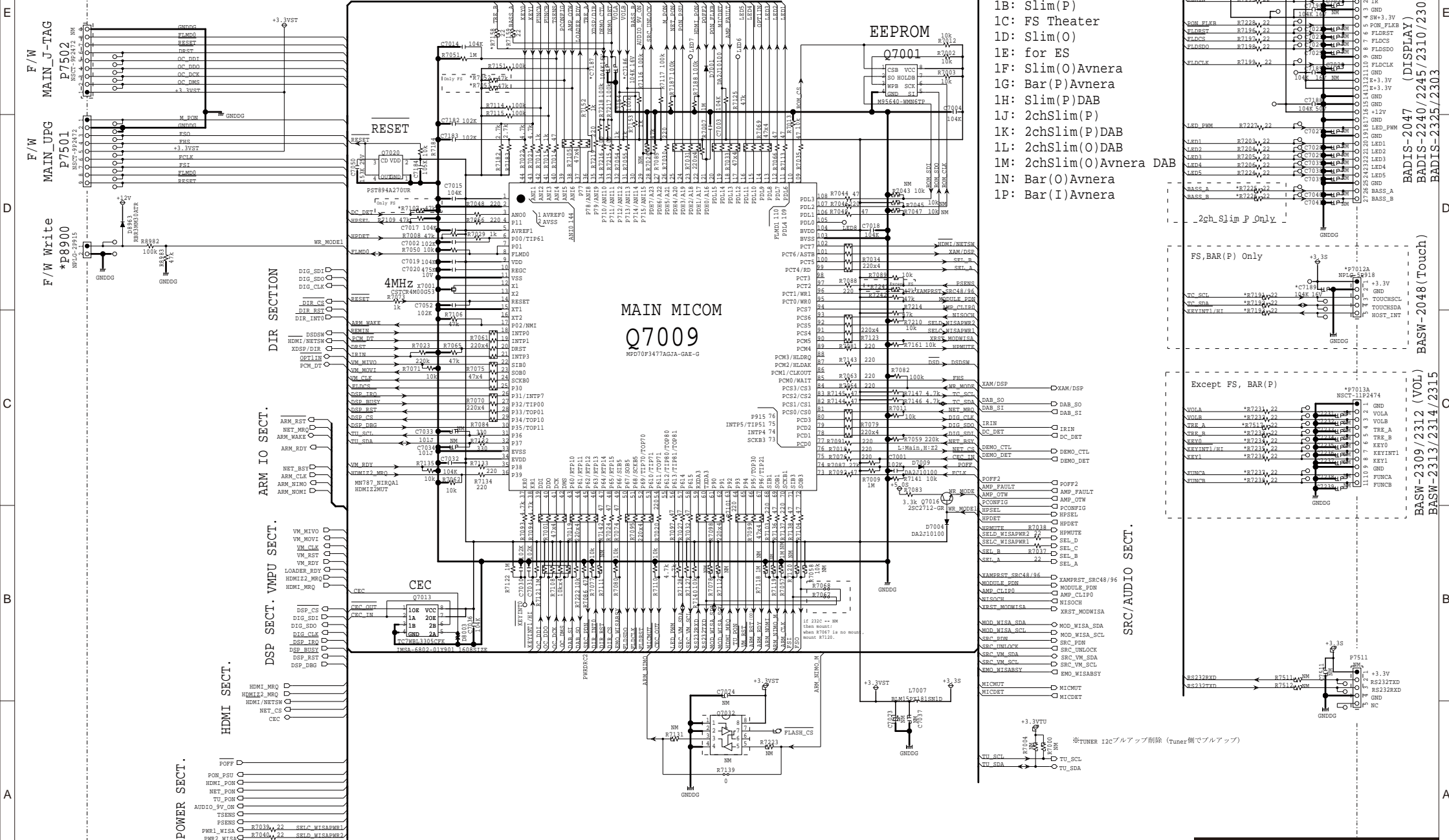
Video Block Diagram



TX-L50/L50WL/DSX-3
TX-L20/L20WL

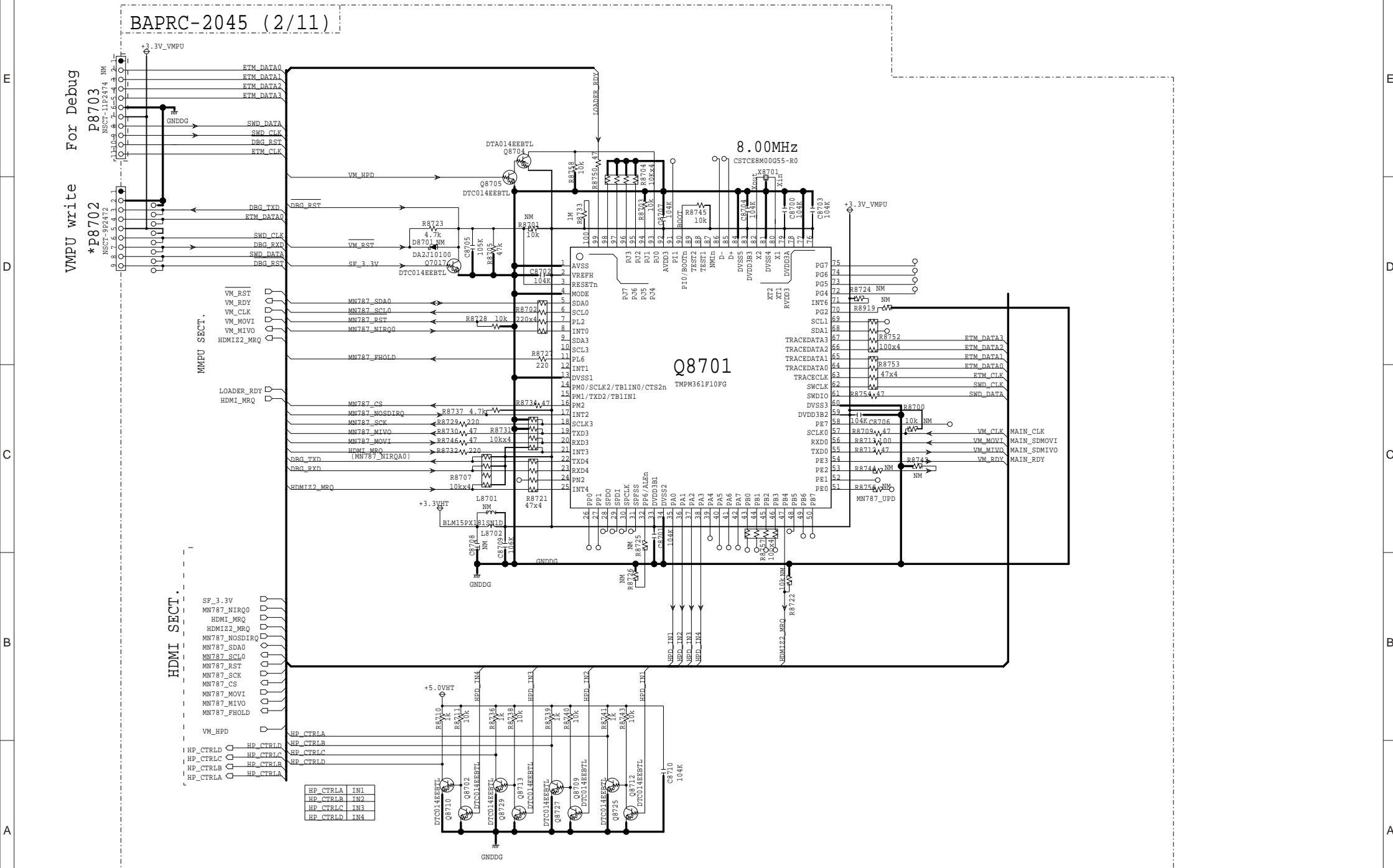
DMAIN(MMPU)

BAPRC-2045 (1/11)



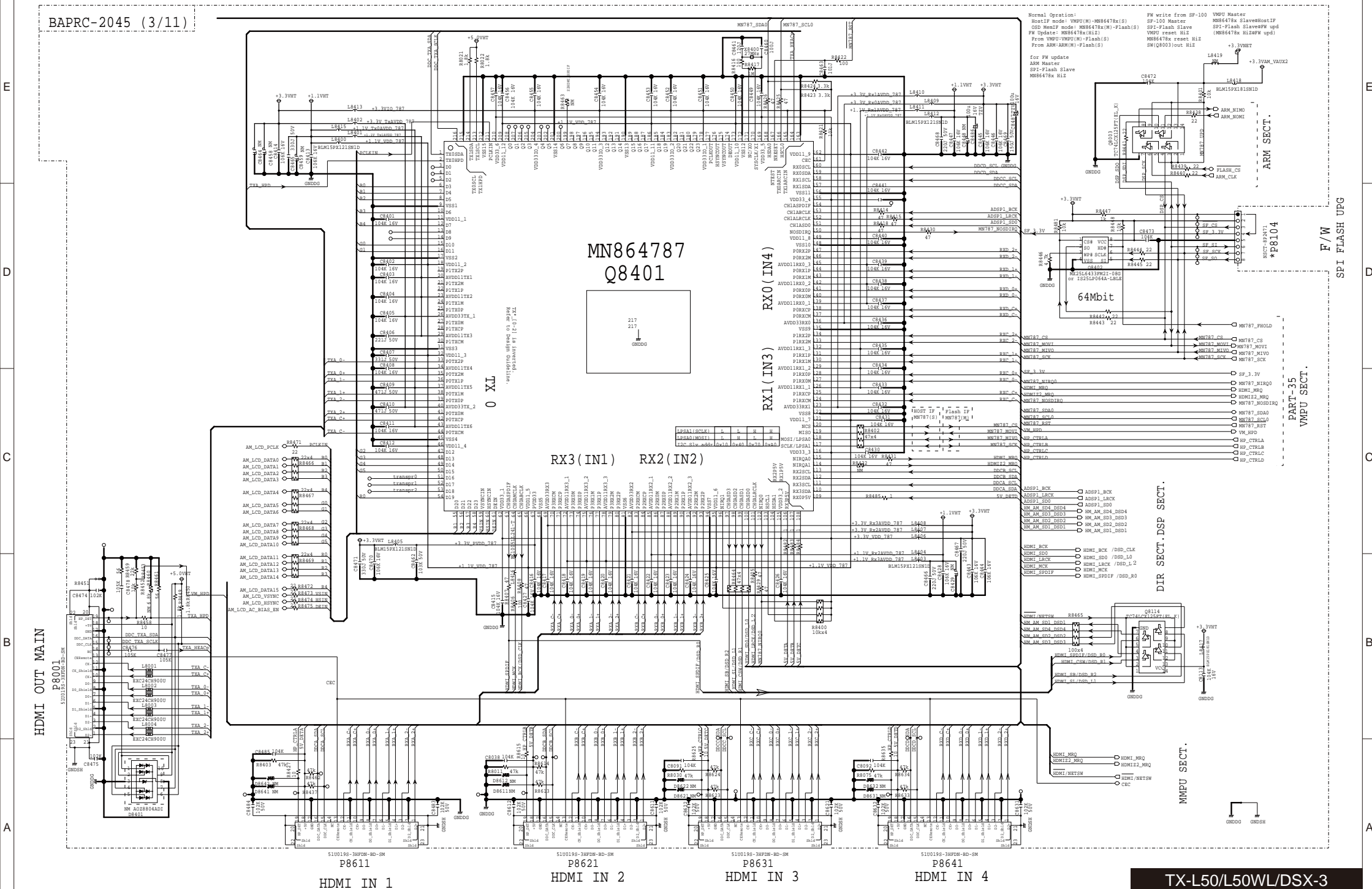
TX-L50/L50WL/DSX-3
TX-L20/L20WL

DMAIN(VMPU)

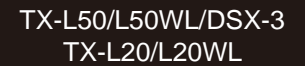


TX-L50/L50WL/DSX-3
TX-L20/L20WL

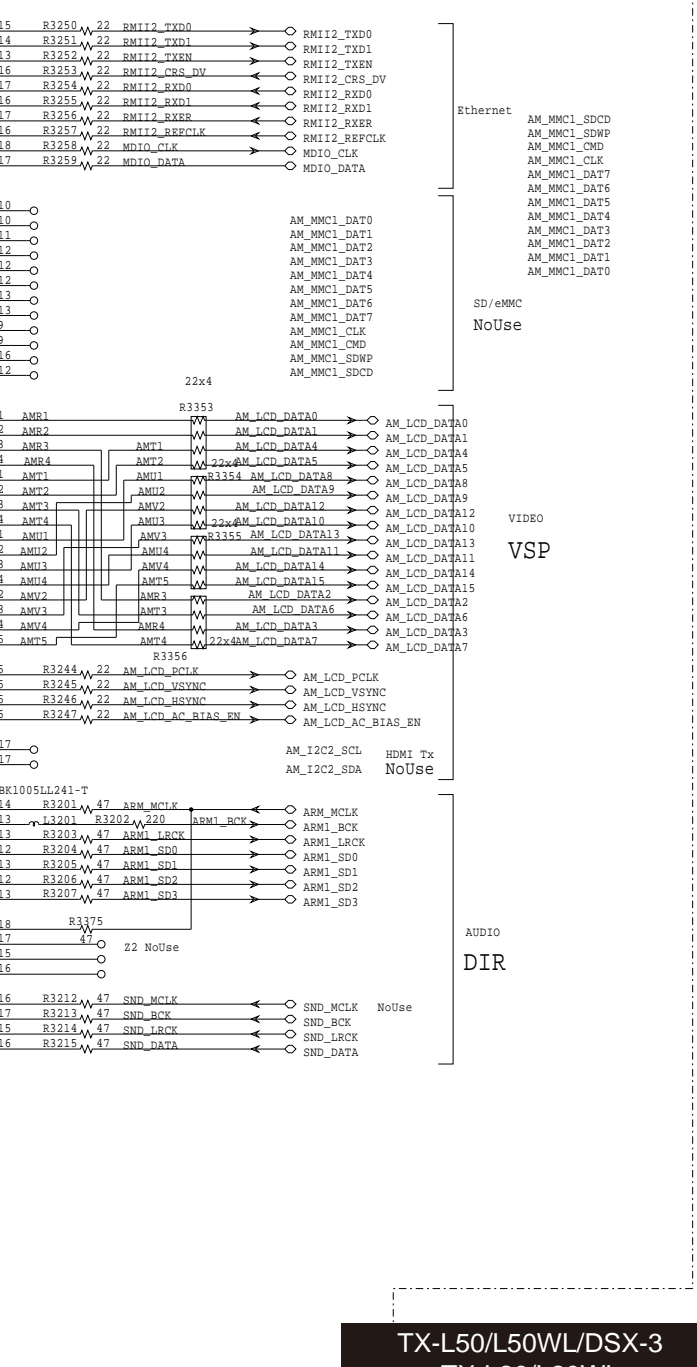
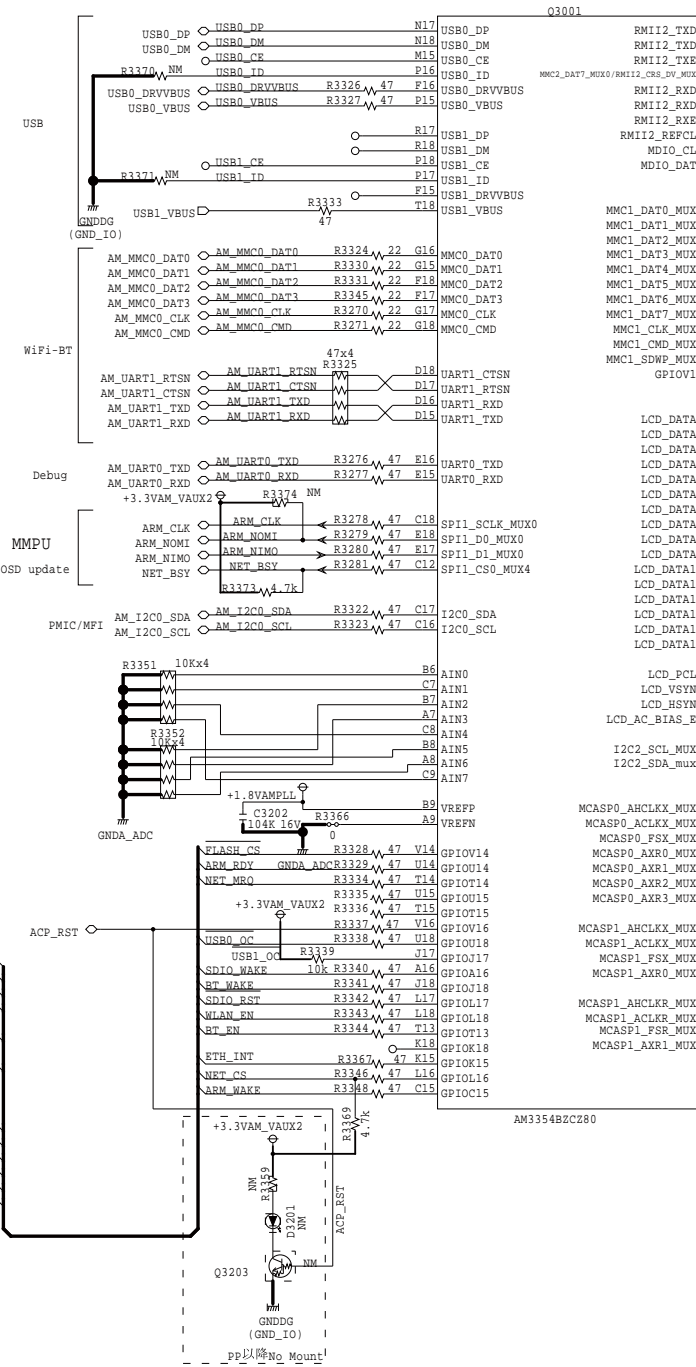
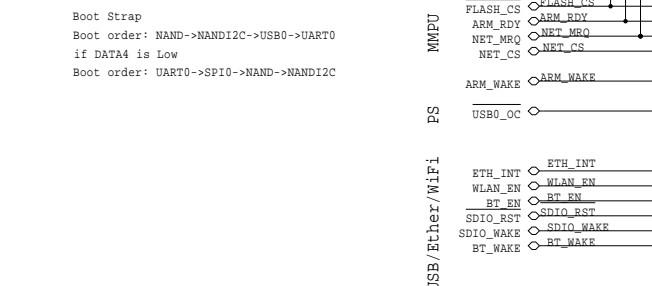
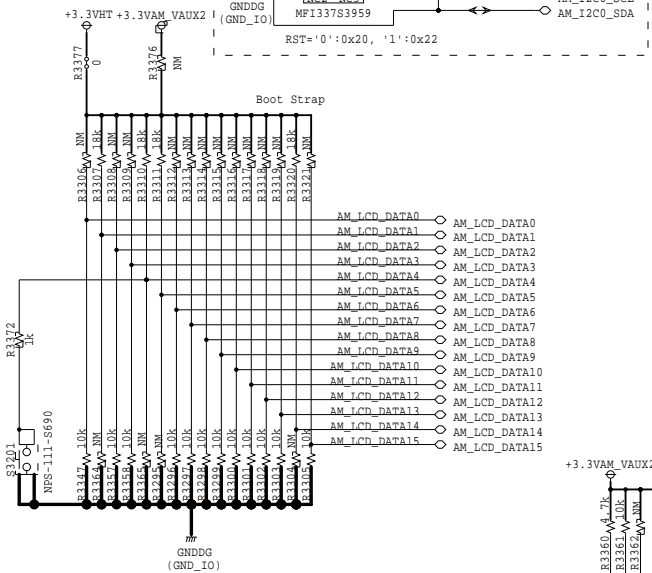
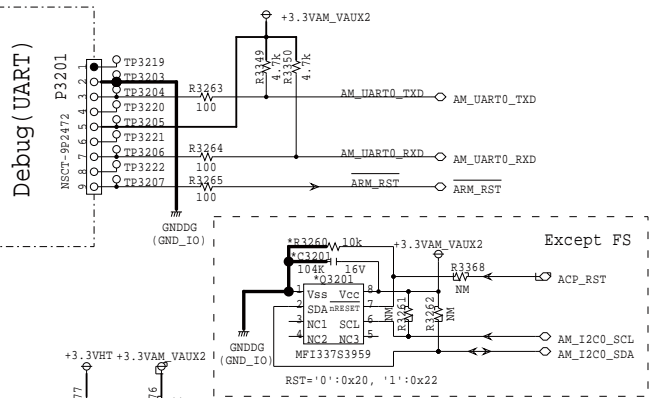
BAPRC-2045 (3/11)



BAPRC-2045 (4/11)

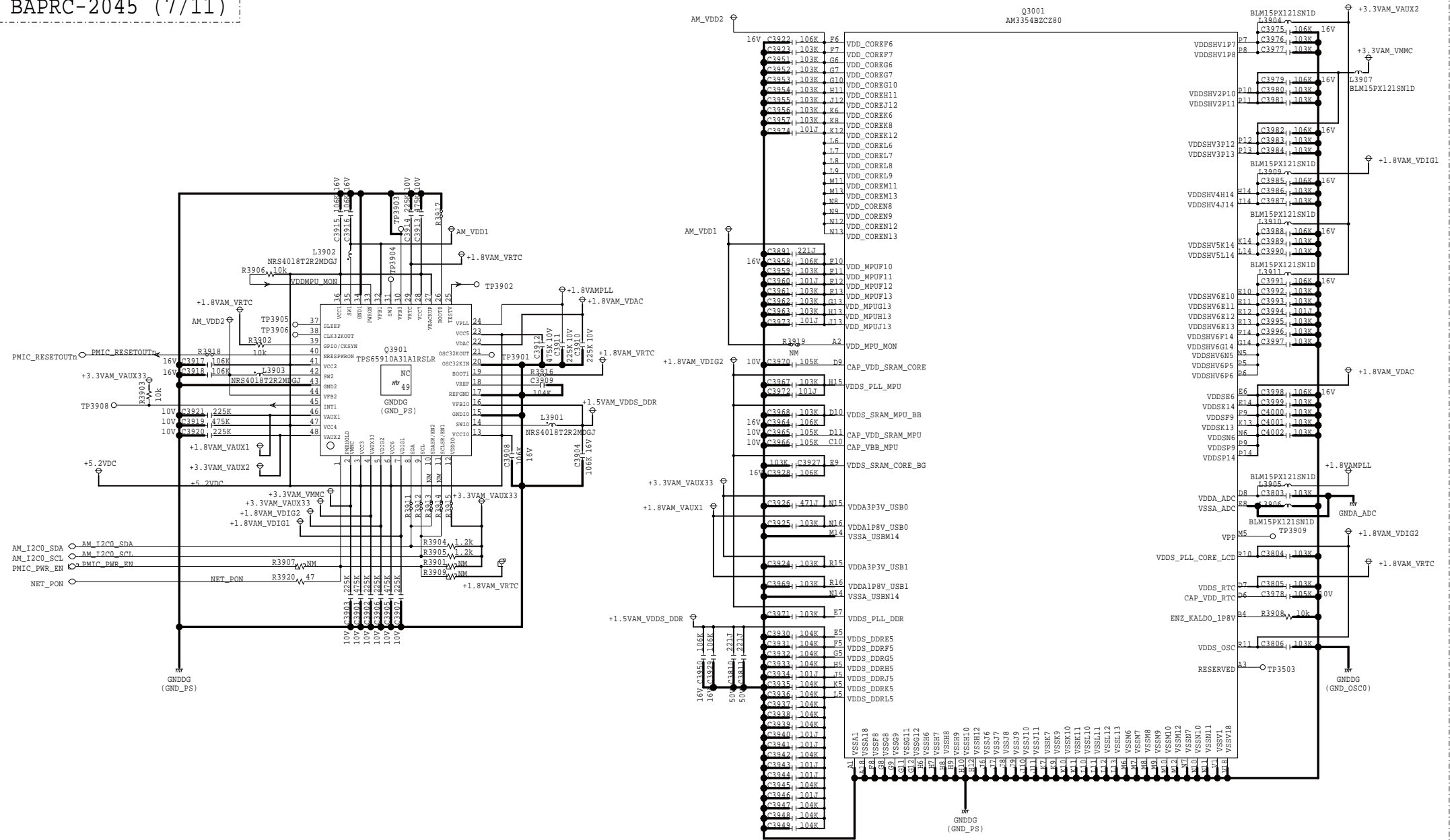


Debug (UART)



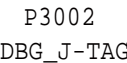
	DMAIN(ARM Power)
--	------------------

BAPRC-2045 (7/11)



TX-L50/L50WL/DSX-3
TX-L20/L20WL

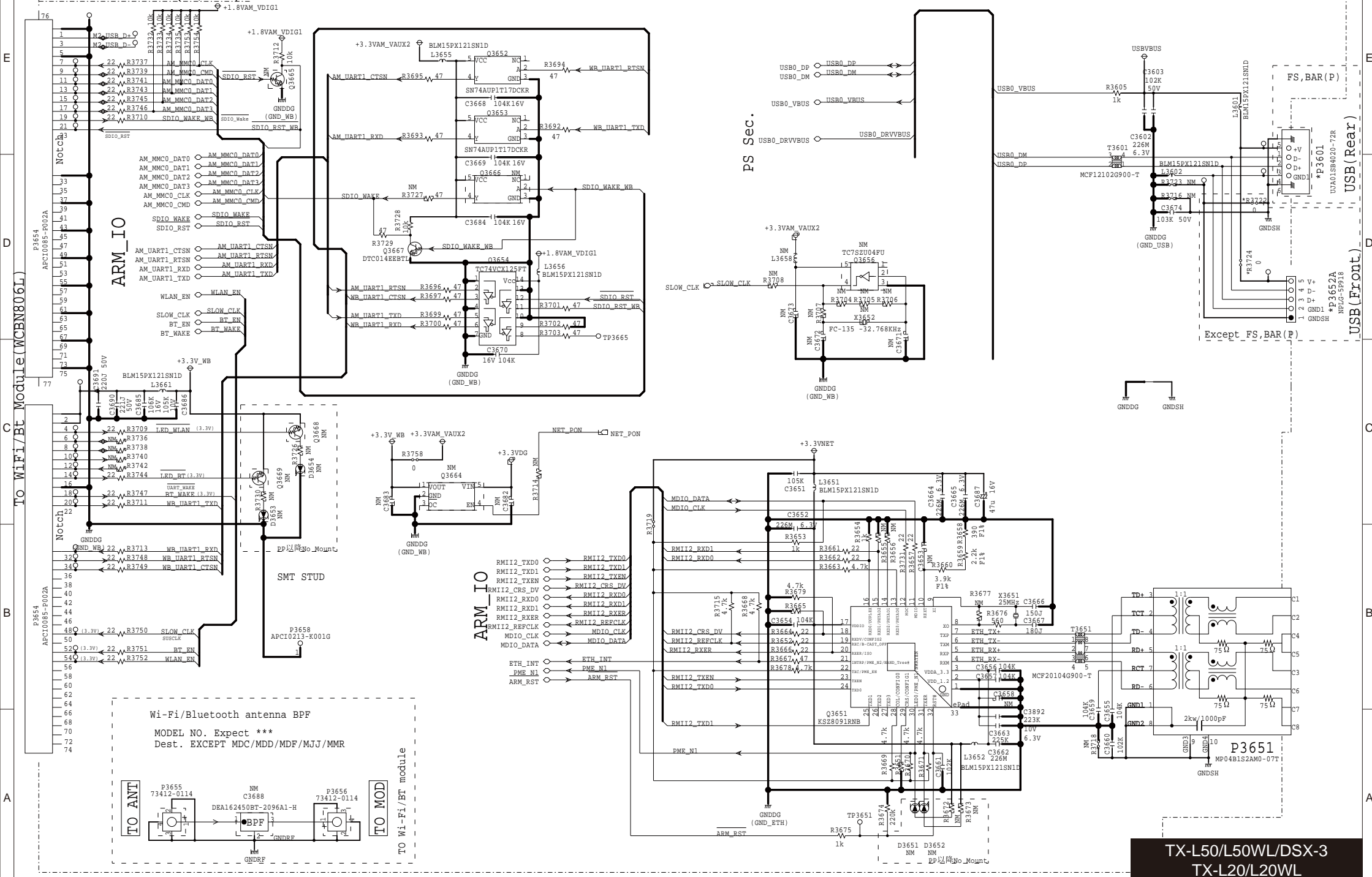
BAPRC-2045 (8/11)



TX-L50/L50WL/DSX-3
TX-L20/L20WL

DMAIN(ARM USB/Ether/WiFi)

BAPRC-2045 (9/11)



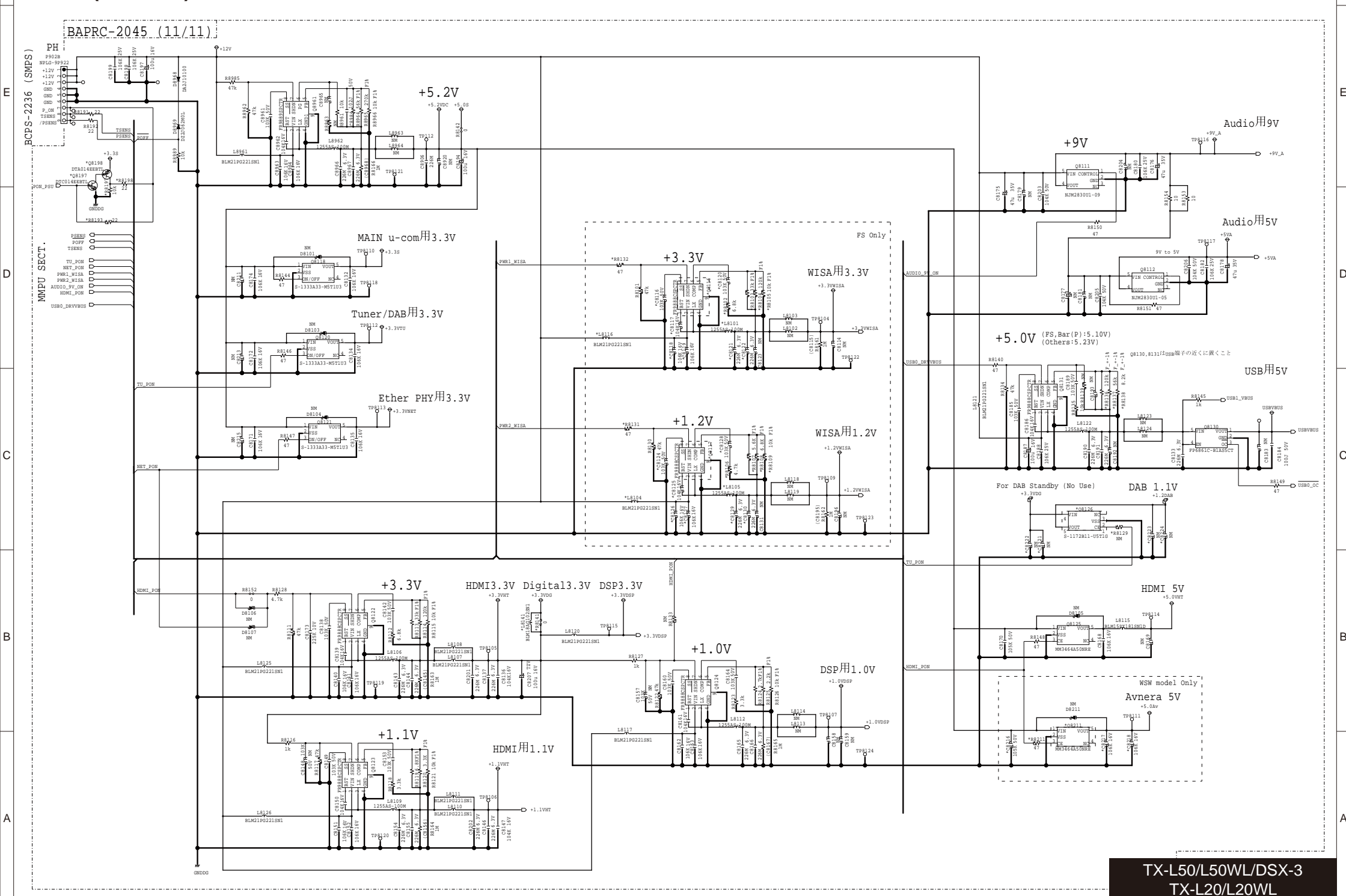
1	2	3	4	5	6
---	---	---	---	---	---

1	2	3	4	5	6
---	---	---	---	---	---



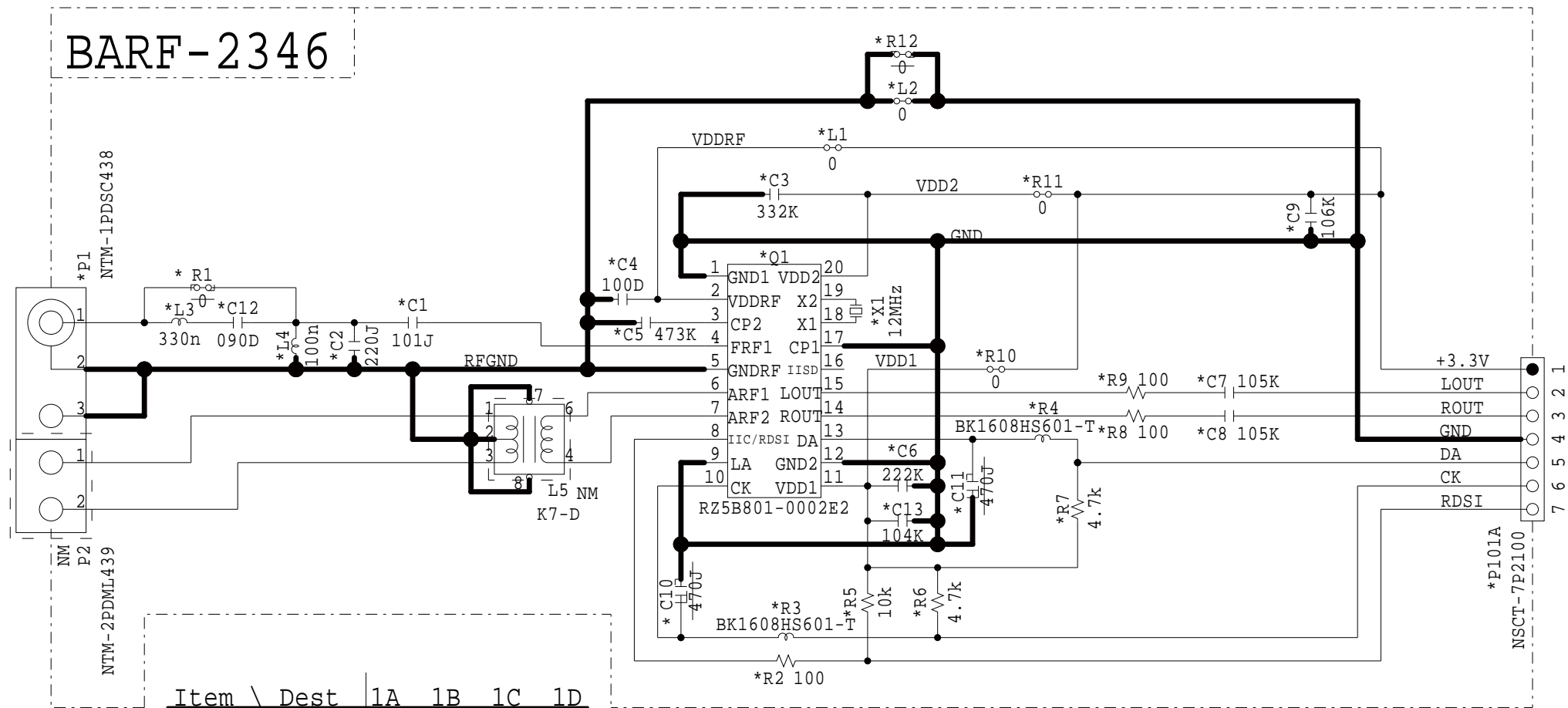
1	2	3	4	5	6
---	---	---	---	---	---

DMAIN(POWER)



TX-L50/L50WL/DSX-3
TX-L20/L20WL

FM Tuner



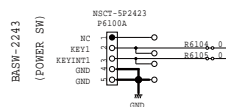
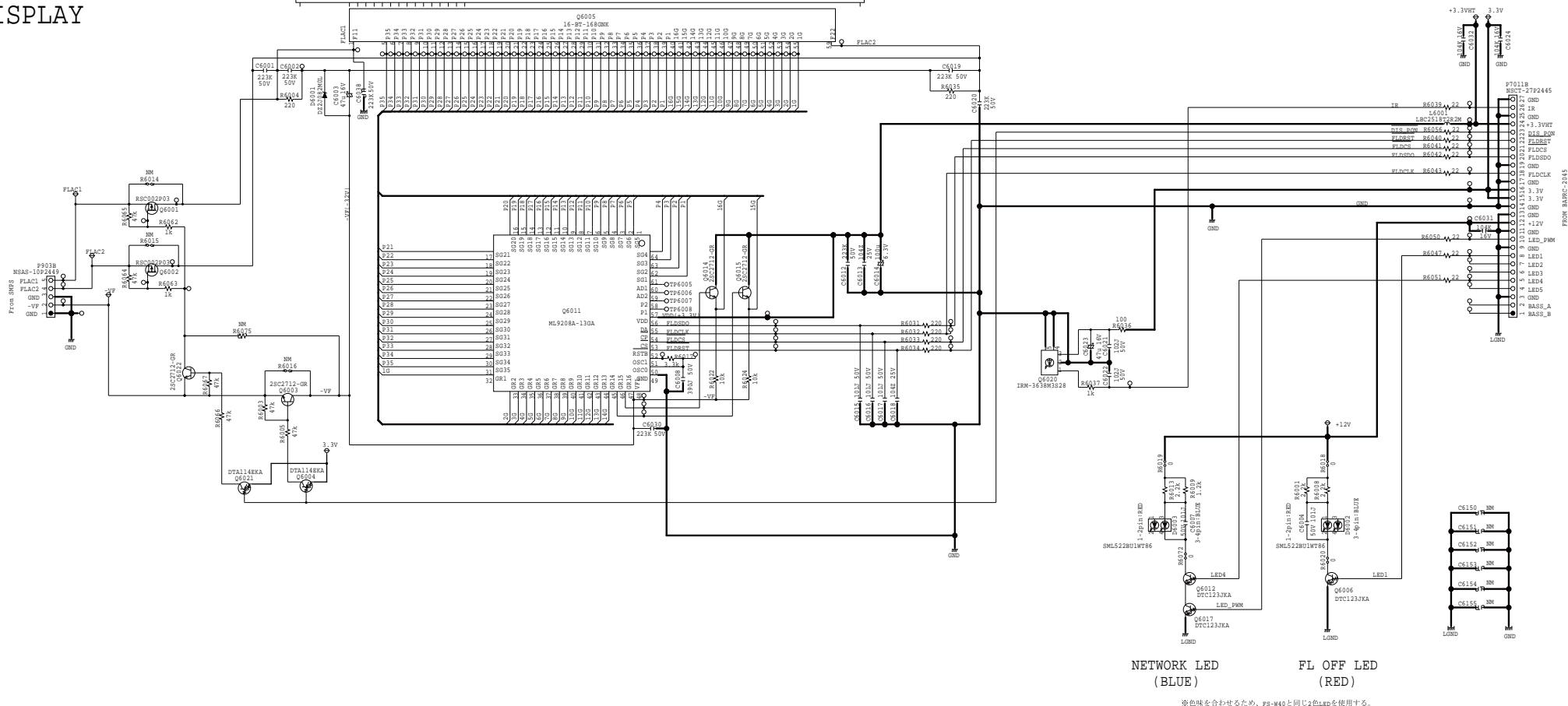
Item \ Dest	1A	1B	1C	1D
AMP Power (PS2236)	x	o	o	o
DAB (ETC2249)	x	x	o	x
AC Code Hold (ETC2250)	x	o	o	o
Tuner(RDS) (RF2346)	o	o	-	x

RDS	P1	Q1
X	NTM-1PDSC437	RZ5B801-0001E2
O	NTM-1PDSC438	RZ5B801-0002E2

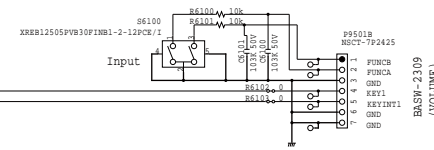
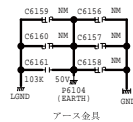
Display

BADIS-2240

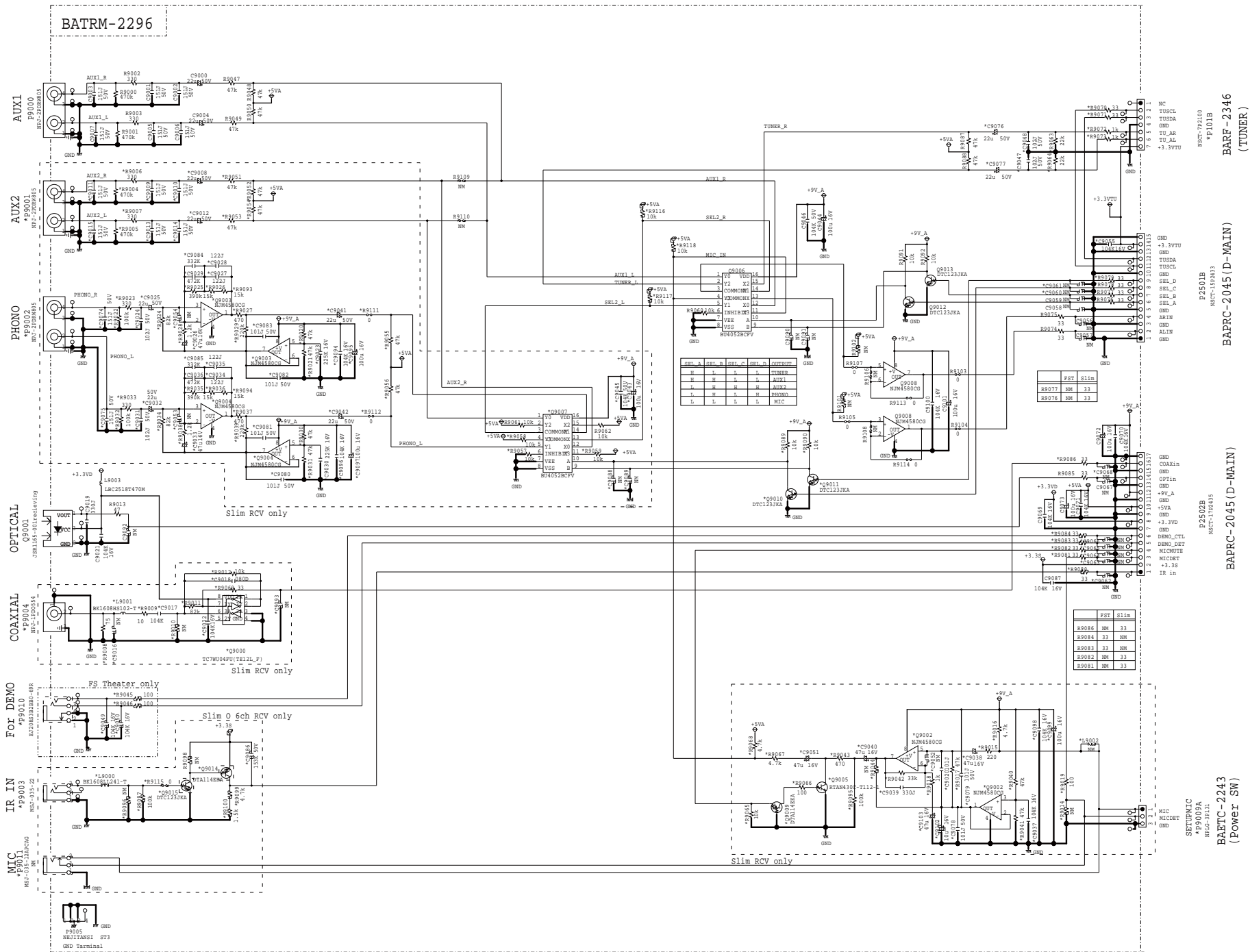
DISPLAY



スタイリング用 豚のしっぽ

BASW-2309
(VOLUME)

TX-L50/L50WL/DSX-3



BAPRC-2045
(D-MAIN)

BAPRC-2045
(D-MAIN)

Modulator

I2SOUT for AVNERA

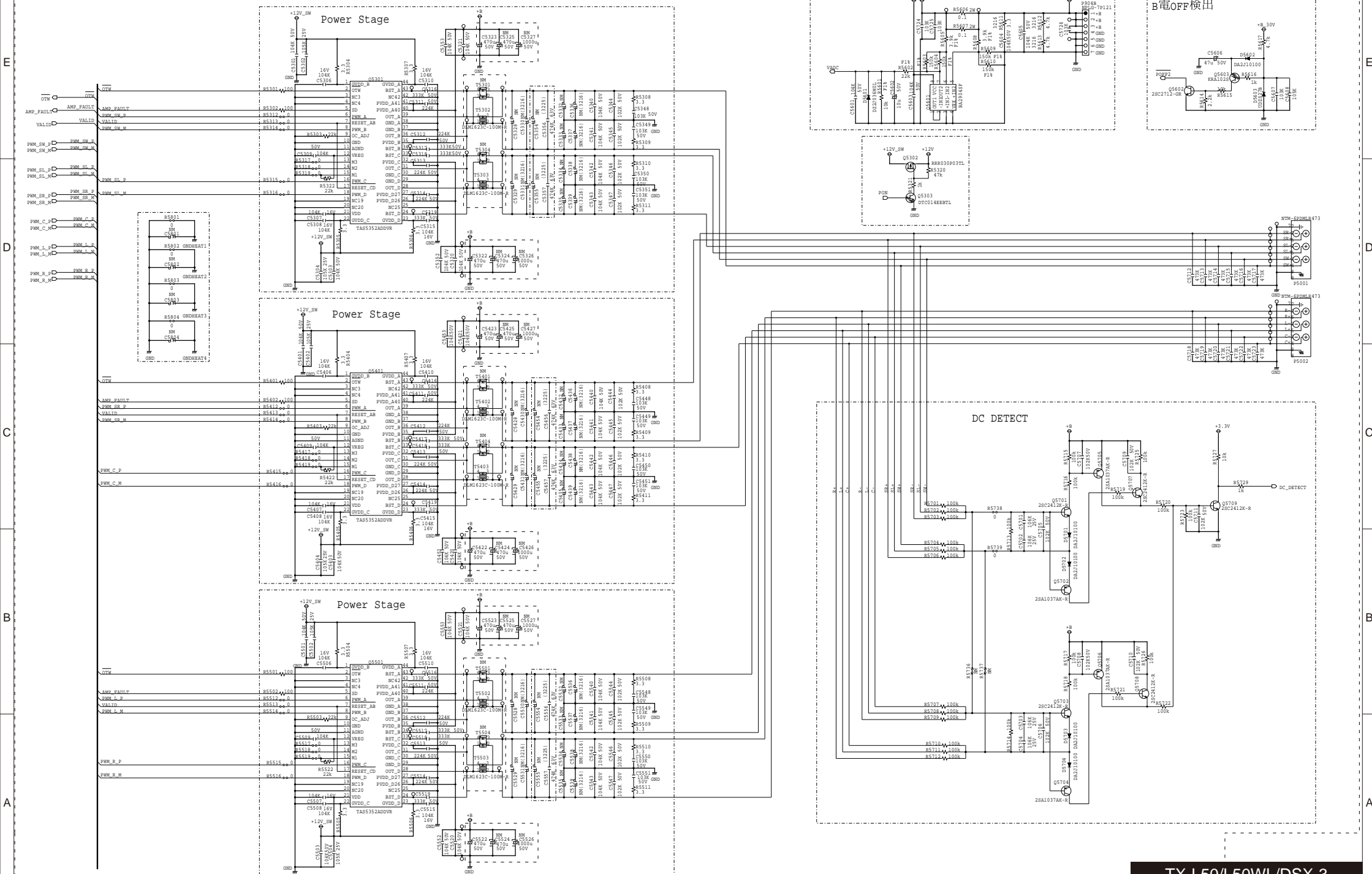
Head Phone OUT

SW Pre OUT

default入力
SW Pre OUT AMP:PWM_PRE_P/M(PWM_P/M_5)
AVNERA OUT AMP:PWM AV P/M(PWM_P/M_6)

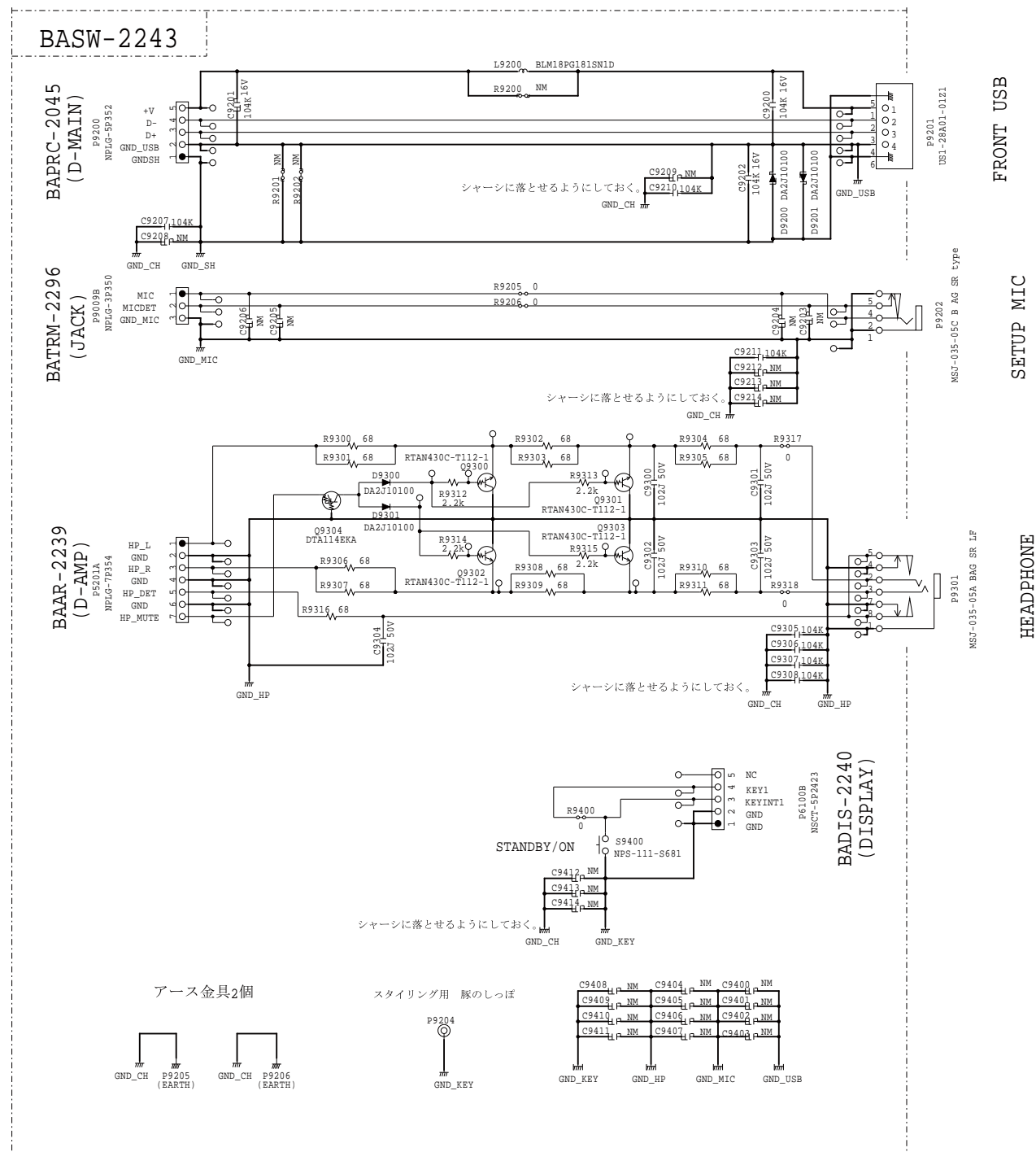
BASW-2243
(POWER_SW)

BAAR-2239

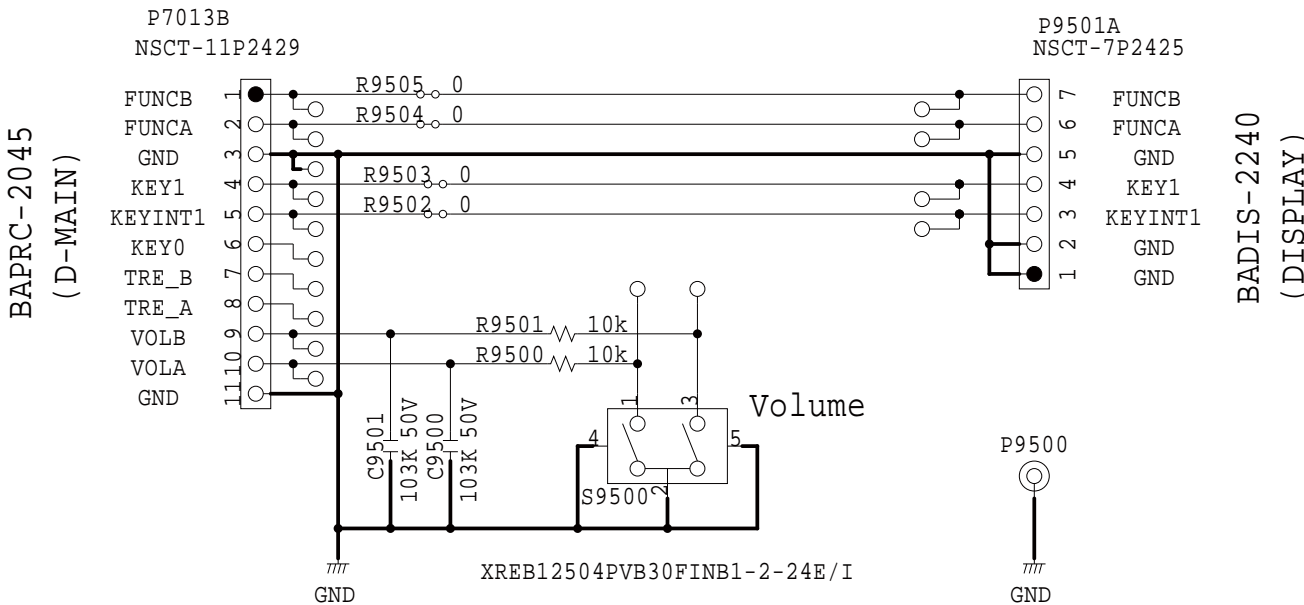


TX-L50/L50WL/DSX-3

POWER SW./FRONT USB/SETUP MIC./HEADPHONE

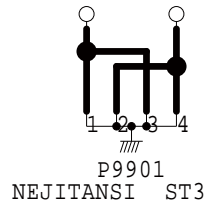


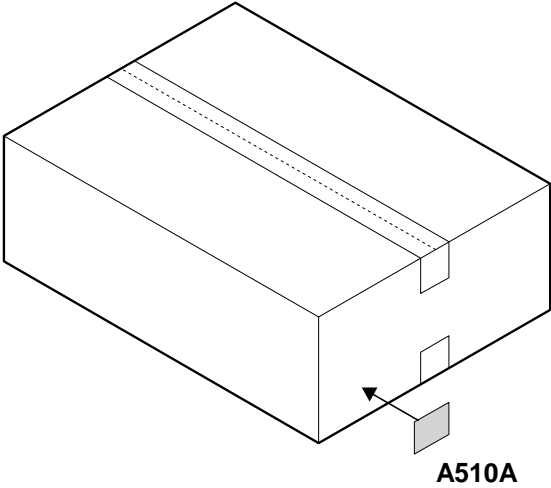
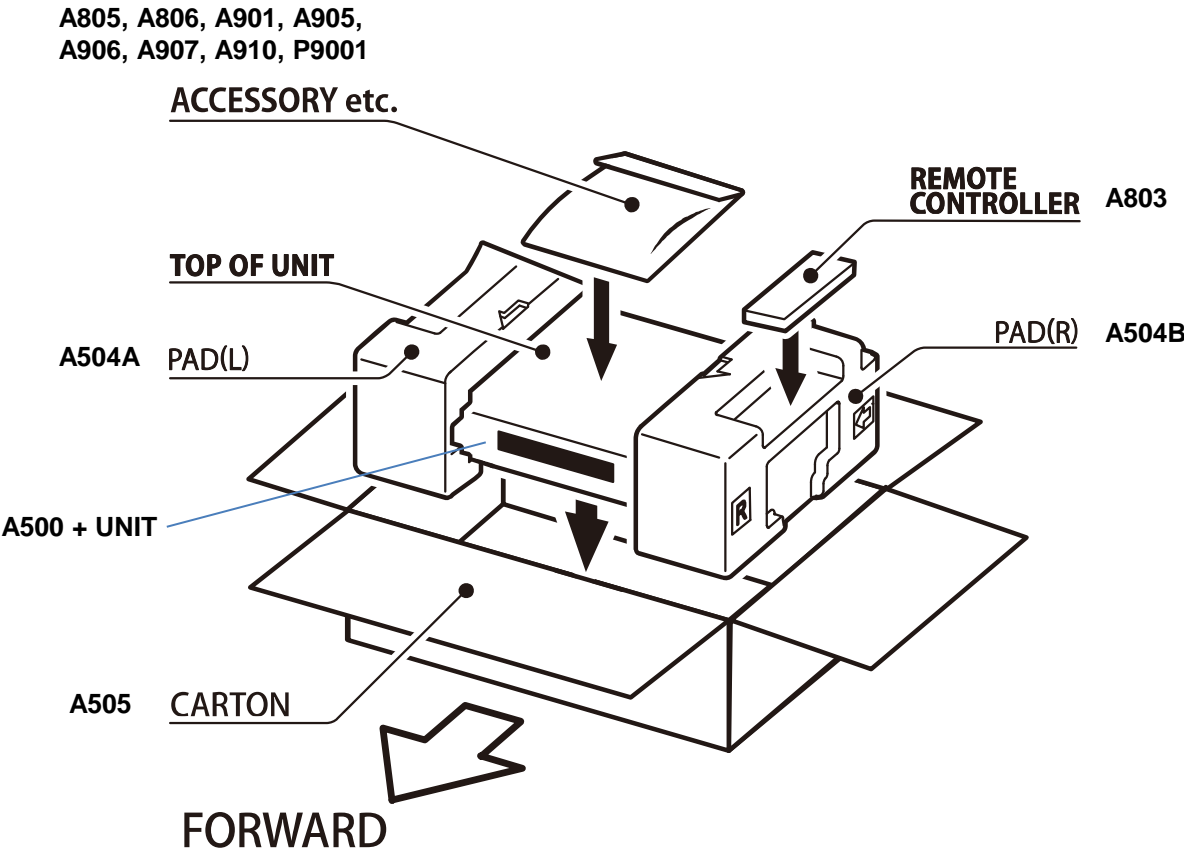
BASW-2309



USB Cable CONNECT

BAETC-2324

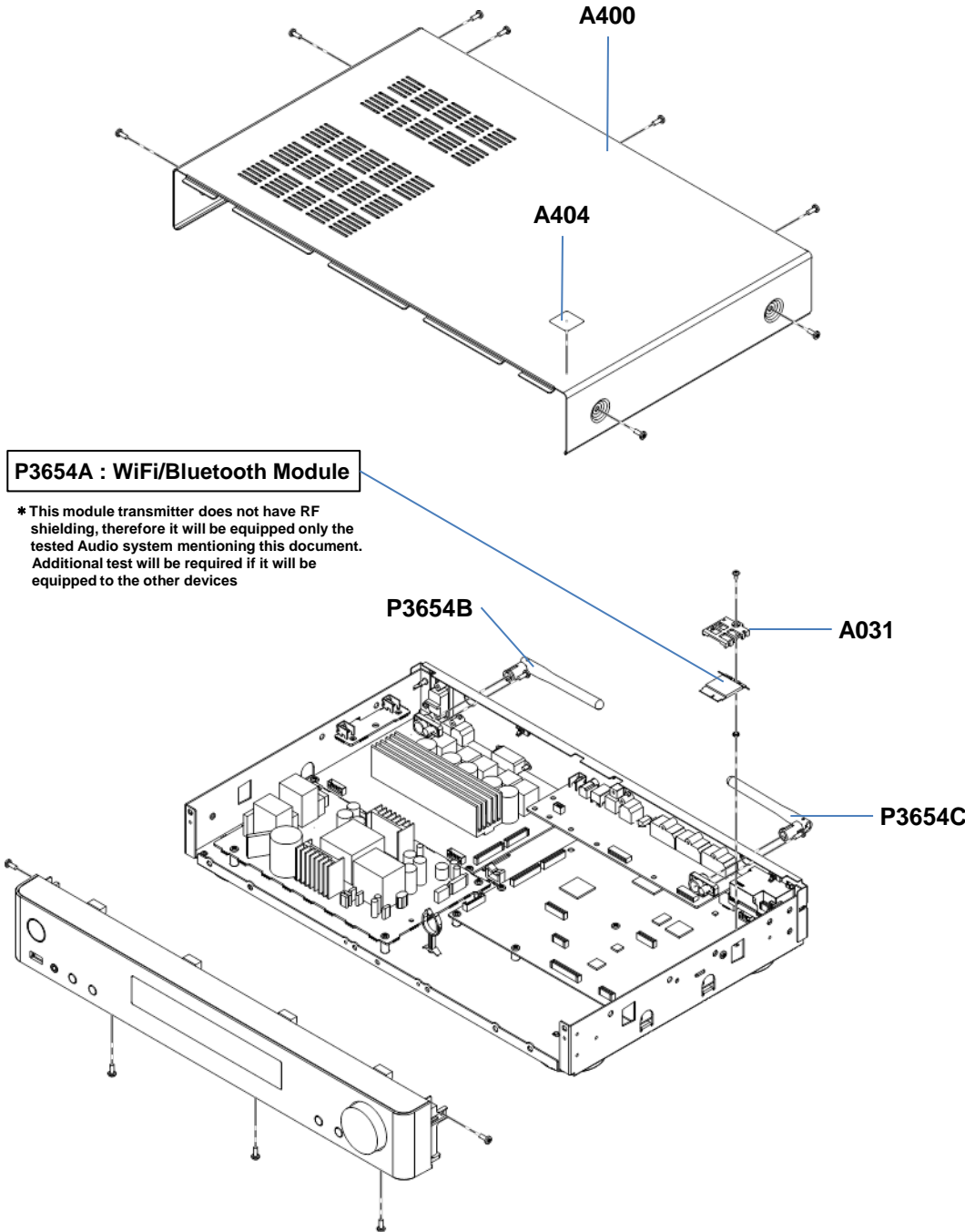




$A504 = A504A + A504B$

Overview

Exploded View



P3654A : WiFi/Bluetooth Module

* This module transmitter does not have RF shielding, therefore it will be equipped only the tested Audio system mentioning this document. Additional test will be required if it will be equipped to the other devices

* WiFi & Bluetooth Module has already been certificated by FCC and IC.

Information to the user.

Indicate "Contains FCC ID: TX2-RTL8821AE", "Contains IC: 6317A-RTL8821AE" and following information to the host device installed.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Describe the following sentence to a user's manual of the host device.

[For FCC]

FCC CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

[For IC]

CAN ICES-3 B/NMB-3 B

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

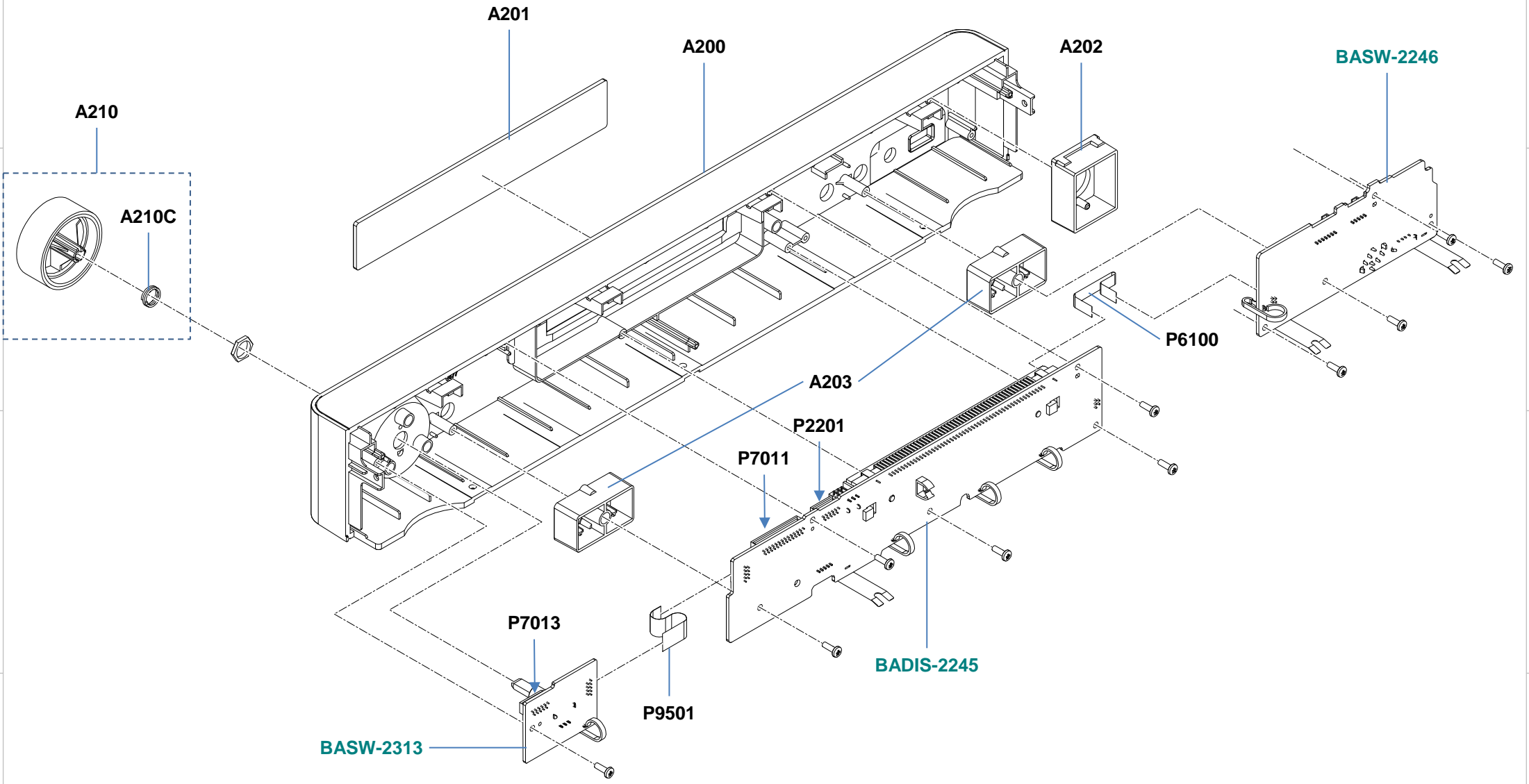
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts d'licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement émet une énergie RF très faible qui est considérée conforme sans évaluation de l'exposition maximale autorisée. Cependant, cet équipement doit être installé et utilisé en gardant une distance de 20 cm ou plus entre le dispositif rayonnant et le corps (à l'exception des extrémités : mains, poignets, pieds et chevilles).

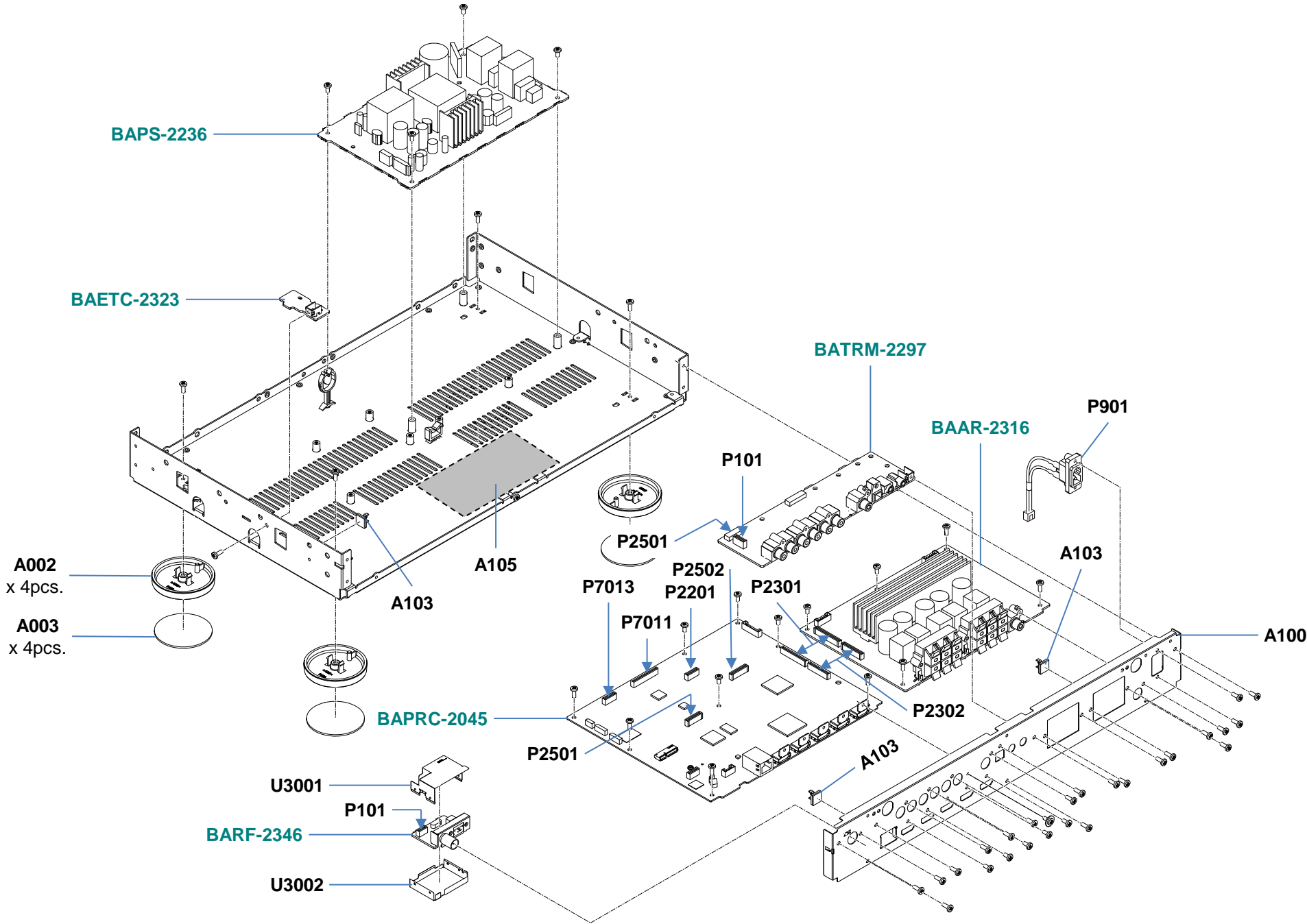
Front

Exploded View



Rear

Exploded View



Use the following expressions to simplify the description of the button operation.

E.g.1)

[TV] + [ON/STANDBY] → [BD/DVD]

This means "While holding down TV button, press ON/STANDBY button then release both buttons and then press BD/DVD button".

E.g.2)

[DISPLAY] + [ON/STANDBY] x 2 → [DIMMER]

This means "While holding down DISPLAY button, press ON/STANDBY button twice then release both buttons and then press DIMMER button".

Reset

Appendix

- 1. (Front Panel) [Tune+] + [ON/STANDBY] x 2 with Volume 12
- 2. Press [ON/STANDBY] button on the Onkyo-Brand-Remote or Front-Panel

Unplug the power cord from AVR after the disappeared "All Clear" of FL tube and AVR goes standby.

MAIN checksum verification.

- 1. (Front Panel) [TUNE-] + [ON/STANDBY] x 2
- 2. After showing MAIN version : (Onkyo Remote Control Unit) [Enter]

Check the FL tube and LED.

- 1. (Front Panel) [Tune+] + [ON/STANDBY] x 2 with Volume 40
- 2. Press [Dimmer] button on the Onkyo-Brand-Remote

DSX-3(B)MUD**<Note>**

1. Parts marked by "**NSP**" are generally unavailable because they are not in our Master Spare Parts List.
 2. The ! mark found on some component parts indicates the importance of the safety factor of the part.
- Therefore, when replacing, be sure to use parts of identical designation.

(B) : Black color model**<MUD> : 100-240V****USA model**

: NSP

REF. NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
[Cabinet, Chassis, Screws, Nuts]					
A001	CHASSIS	(AS)VSXS520	1	27100606A	NSP
A001A	CHASSIS	VSXS520	{1}	27100604A	N NSP
A001B	SPACER	M3xL11 (SUM24)	{4}	27270568	NSP
A001C	SPACER	M3x9(SUM24L)	{6}	27270563	NSP
A002	BOTTOM LEG	VSX-S520	4	27175486A	N
A003	CUSHION	(ZUL)	4	28142004	N
A004	SCREW	3TTB+8B(3BC)	4	838430088GR	NSP
A010	CLIP	CS-1U	1	27255004	NSP
A011	SCREW	3P+6FN(3BC)	4	82143006GR	NSP
A012	WIRE TIE	BSK-1	1	260208	NSP
A013	HOLDER	KGPS-12RF	1	27190965	N NSP
A013or	HOLDER	(NPS-12)	(1)	27191391	N NSP
A020	SCREW	3TTB+8B(3BC)	4	838430088GR	NSP
A021	SCREW	3P+6FN(3BC)	4	82143006GR	NSP
A030A	LABEL	(E-CON)	{1}	29364978	
A031	HOLDER	(PLUG)	1	27191418A	
A032	SCREW	2B+5FN(3CM)	1	82512005	NSP
A033	WIRE TIE	BSK-1	2	260208	NSP
A034	HOLDER	(CLAMP)UAMS-05SN	1	27191441	N NSP
A040	HEAT SINK	VSX-S520	1	27160713	NSP
A041	SCREW	3P+10FN(3BC)	4	82143010GR	NSP
A043	SCREW	3P+6FN(3BC)	2	82143006GR	NSP
A044	SCREW	3TTB+8B(3BC)	3	838430088GR	NSP
A050	HOLDER	(CLAMP) WS-1NS	2	27190541	NSP
A051	CLAMPER	HL-18-0(V-0)	1	27301778	NSP
A052	SCREW	3TTB+8B(3BC)	2	838430088GR	NSP
A053	WIRE TIE	BSK-1	2	260208	NSP
A054	TAPE	TAPE(CLOTH-16U)	0.12	29110083	NSP
A055	WIRE TIE	BSK-1	1	260208	NSP
A056	CUSHION	t5.0x50x10	1	28142007	NSP
A057	TAPE	TAPE(CLOTH-16U)	0.035	29110083	NSP
A100	REAR PANEL	DSX-3_MUD	1	27124818	N
A101	HOLDER	(ANTENNA)(B)	2	27191426	N NSP
A102	SCREW	3TTB+8B(3BC)	2	838430088GR	NSP
A103	HOLDER	(CLAMP)	4	27191374	
A105	SPECIFICATION LABEL	DSX-3/MUD	1	29393426	N
A110	SCREW	3TTB+8B(3BC)	5	838430088GR	NSP
A111	SCREW	3P+6FN(3BC)	5	82143006GR	NSP
A112	SCREW	3TTB+8B(3BC)	2	838430088GR	NSP
A113	SCREW	3TTB+8B(3BC)	6	838430088GR	NSP
A114	WASHER	W3*10F(3BC)	1	87643010GR	NSP
A115	SCREW	3TTB+8B(3CM)SR	1	801637	NSP
A120	SCREW	3TTB+8B(3BC)	4	838430088GR	NSP
A121	SCREW	3TTB+8B(3BC)	1	838430088GR	NSP

A123	SCREW	3TTB+8B(3BC)	2	838430088GR	NSP
A124	ISOLATION PLATE	(INLET)DSX-3(B)MUD	1	28175362	N NSP
A125	WIRE TIE	BSK-1	1	260208	NSP
A130	TAPE	TAPE(CLOTH-8U)	0.03	29110082	NSP
A200	FRONT PANEL	DSX-3(B)_MUD	1	27213880B	N
A201	CLEAR PLATE	DSX-3	1	28192502	N
A202	KNOB	(STBY)(INTEGRA)	1	28327287A	N
A203	KNOB	(INPUT)(B)	2	28327288A	N
A210	KNOB	(VOL)AS(INTEGRA)	1	28327306	N
A210A	KNOB	(VOL-CAP)(INTEGRA)	{1}	28327302	N NSP
A210B	KNOB	(VOL-BASE)	{1}	28327303	N NSP
A210C	SPRING	.	{1}	27180575	
A230	SCREW	2.6TTB+8B(3BC)	10	838426088GR	NSP
A231	SCREW	3TTB+8B(3BC)	3	838430088GR	NSP
A232	SCREW	3TTB+8B(3BC)	2	838430088GR	NSP
A235	IB CUSHION	W15*t3	0.01	28141943	NSP
A237	HOLDER	(CRAMP) UA-0 V0	2	27190608-1	NSP
A239	TAPE	TAPE(CLOTH-16U)	0.016	29110083	NSP
A241	TAPE	TAPE(CLOTH-8U)	0.025	29110082	NSP
A398	CUSHION	(COTTON)t0.7x12x8	2	28141906	NSP
A400	COVER	(B) (Bent)	1	28210168A	N
A401	CUSHION	(FELT)t1x20x10	4	28141859	NSP
A402	SCREW	3TTB+8B(3BC)	8	838430088GR	NSP
A404	LABEL	(CAUTION)	1	29392531	
[Switches, Terminals, Wires]					
P101	FLEXIBLE FLAT CABLE	NCFC7-071012	1	2047071012	
P2201	FLEXIBLE FLAT CABLE	NCFC5-112012	1	2045112012	
P2301	FLEXIBLE FLAT CABLE	NCFC5-271012	1	2045271012	
P2302	FLEXIBLE FLAT CABLE	NCFC5-211012	1	2045211012	
P2501	FLEXIBLE FLAT CABLE	NCFC5-151012	1	2045151012	
P2502	FLEXIBLE FLAT CABLE	NCFC5-171012	1	2045171012	
P3654A	ASSEMBLED PWB	WCBN806L	1	24150135	
P3654B	WIFI BT ANTENNA	RFDPA870940EMLB303	1	2050103	
P3654C	WIFI BT ANTENNA	RFDPA870914EMLB302	1	2050109	
P5201	WIRE HARNESS ASSEMBLY	NSAS-14P2455	1	2009991591UL	NSP
P6100	FLEXIBLE FLAT CABLE	NCFC5-050512	1	2045050512	N
P7011	FLEXIBLE FLAT CABLE	NCFC5-271512	1	2045271512	
P7013	FLEXIBLE FLAT CABLE	NCFC5-111512	1	2045111512	
P901	WIRE HARNESS ASSEMBLY	NSAS-4P2451	1	2009991587AUL	N
P9200	WIRE HARNESS ASSEMBLY	NSAS-10P2465	1	2009991600UL	NSP
P9501	FLEXIBLE FLAT CABLE	NCFC5-090512	1	2045090512	
[Frontend, Units]					
U010	PARENT PC BOARD AS	BAPRC-2045-1D-P	1	1B5142045-1DSX3MUD	N Parent
BAPRC-2045 Processing circuit pc board AS		BAPRC-2045-1D	1	1B5142045-1D-CSX3MUD	N Child
U030	PARENT PC BOARD AS	BAPS-2236-1D-P	1	1B5142236-1D	N Parent
BAPS-2236 Power supply circuit pc board AS		BAPS-2236-1D	1	1B5142236-1D-C	N Child
BARF-2346 Radio frequency circuit pc board AS		BARF-2346-1D	1	1B5142346-1D-C	Child
U110	PARENT PC BOARD AS	BADIS-2245-1B-P	1	1B5142245-1B	N Parent
BADIS-2245 Display circuit pc board AS		BADIS-2245-1B	1	1B5142245-1B-C	N Child
BASW-2246 Switch circuit pc board AS		BASW-2246-1B	1	1B5142246-1B-C	N Child
BATRM-2297 Terminal circuit pc board AS		BATRM-2297-1B	1	1B5142297-1B-C	N Child
BASW-2313 Switch circuit pc board AS		BASW-2313-1B	1	1B5142313-1B-C	N Child
BAAR-2316 All round circuit pc board AS		BAAR-2316-1B	1	1B5142316-1B-C	N Child
BAETC-2323 Et cetra pc board AS		BAETC-2323-1B	1	1B5142323-1B-C	Child
U3001	SHIELD CASE	(UPPER)	1	27225208	

<Note>

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: NSP

REF. NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
[Semi-conductors]					
D5203	CHIP TYPE DIODE	DA2J10100	1	223303R2	NSP
D5204	CHIP TYPE DIODE	DA2J10100	1	223303R2	NSP
D5205	CHIP TYPE DIODE	DA2J10100	1	223303R2	NSP
D5601	ZENER DIODE	DZ2J036M0L	1	224760360R2	NSP
D5602	CHIP TYPE DIODE	DA2J10100	1	223303R2	NSP
D5603	ZENER DIODE	DZ2J220M0L	1	224762200R2	NSP
D5603or	ZENER DIODE	DZ2J270M0L	(1)	224762700R2	NSP
D5701	CHIP TYPE DIODE	DA2J10100	1	223303R2	NSP
D5702	CHIP TYPE DIODE	DA2J10100	1	223303R2	NSP
D5703	CHIP TYPE DIODE	DA2J10100	1	223303R2	NSP
D5704	CHIP TYPE DIODE	DA2J10100	1	223303R2	NSP
D6001	ZENER DIODE	DZ2J082M0L	1	224760820R2	NSP
D6002	LED	SML-P12DTT86	1	225513R2	NSP
D9300	CHIP TYPE DIODE	DA2J10100	1	223303R2	NSP
D9301	CHIP TYPE DIODE	DA2J10100	1	223303R2	NSP
Q5101	HYBRID IC	TAS5558DCAR	1	22243030R2	NSP
Q5201	HYBRID IC	NJM4565M-D	1	22241383R2	NSP

Q5202	HYBRID IC	NJM4580CG	1	22242922R2	NSP
Q5203	TRANSISTOR	RTAN430C-T112-1	1	2217780R2	NSP
Q5204	TRANSISTOR	2SA1162-GR	1	2214375R2	NSP
Q5206	TRANSISTOR	RTAN430C-T112-1	1	2217780R2	NSP
Q5207	TRANSISTOR	2SC2712-GR	1	2213145R2	NSP
Q5208	TRANSISTOR	2SC2712-GR	1	2213145R2	NSP
Q5301	HYBRID IC	TAS5352ADDVR	1	22243060R2	NSP
Q5302	TRANSISTOR	RRR030P03TL	1	2217770R2	NSP
Q5303	TRANSISTOR	DTC014EEBTL	1	2218690R2	NSP
Q5401	HYBRID IC	TAS5352ADDVR	1	22243060R2	NSP
Q5501	HYBRID IC	TAS5352ADDVR	1	22243060R2	NSP
Q5601	HYBRID IC	BA2904SF	1	22243058R2	NSP
Q5602	TRANSISTOR	2SC2712-GR	1	2213145R2	NSP
Q5603	TRANSISTOR	KRA102S	1	2216220R2	NSP
Q5701	TRANSISTOR	2SC2412K-R	1	2214653R2	NSP
Q5702	TRANSISTOR	2SA1037AK-R	1	2217043R2	NSP
Q5703	TRANSISTOR	2SC2412K-R	1	2214653R2	NSP
Q5704	TRANSISTOR	2SA1037AK-R	1	2217043R2	NSP
Q5705	TRANSISTOR	2SA1037AK-R	1	2217043R2	NSP
Q5706	TRANSISTOR	2SA1037AK-R	1	2217043R2	NSP
Q5707	TRANSISTOR	2SC2412K-R	1	2214653R2	NSP
Q5708	TRANSISTOR	2SC2412K-R	1	2214653R2	NSP
Q5709	TRANSISTOR	2SC2412K-R	1	2214653R2	NSP
Q6001	FET	RSC002P03	1	2218430R2	NSP
Q6002	FET	RSC002P03	1	2218430R2	NSP
Q6003	TRANSISTOR	2SC2712-GR	1	2213145R2	NSP
Q6004	TRANSISTOR	DTA114EKA	1	2217050R2	NSP
Q6005	FLUORESCENT TUBE	16-BT-168GNK	1	212279	
Q6005A	HOLDER	(FL)	1	27191423	N NSP
Q6006	TRANSISTOR	DTC123JKA	1	2216690R2	NSP
Q6007	TRANSISTOR	DTC123JKA	1	2216690R2	NSP
Q6011	HYBRID IC	ML9208A-13GA	1	22242772R3	NSP
Q6014	TRANSISTOR	2SC2712-GR	1	2213145R2	NSP
Q6015	TRANSISTOR	2SC2712-GR	1	2213145R2	NSP
Q6020	REMOTE SENSOR	IRM-3638M3S28	1	24130026	
Q6021	TRANSISTOR	DTA114EKA	1	2217050R2	NSP
Q6022	TRANSISTOR	2SC2712-GR	1	2213145R2	NSP
Q9000	HYBRID IC	TC7WU04FU(TE12L_F)	1	22240935R2	NSP
Q9001	PHOTO COUPLER	JSR1165-001recieving	1	24120143	
Q9002	HYBRID IC	NJM4580CG	1	22242922R2	NSP
Q9003	HYBRID IC	NJM4580CG	1	22242922R2	NSP
Q9004	HYBRID IC	NJM4580CG	1	22242922R2	NSP
Q9005	TRANSISTOR	RTAN430C-T112-1	1	2217780R2	NSP
Q9006	HYBRID IC	BU4052BCFV	1	222840523R2RH	NSP
Q9007	HYBRID IC	BU4052BCFV	1	222840523R2RH	NSP
Q9008	HYBRID IC	NJM4580CG	1	22242922R2	NSP
Q9009	TRANSISTOR	DTA114EKA	1	2217050R2	NSP
Q9010	TRANSISTOR	DTC123JKA	1	2216690R2	NSP
Q9011	TRANSISTOR	DTC123JKA	1	2216690R2	NSP
Q9012	TRANSISTOR	DTC123JKA	1	2216690R2	NSP
Q9013	TRANSISTOR	DTC123JKA	1	2216690R2	NSP
Q9014	TRANSISTOR	DTA114EKA	1	2217050R2	NSP
Q9015	TRANSISTOR	DTC123JKA	1	2216690R2	NSP
Q9016	TRANSISTOR	KRC102S	1	2216190R2	NSP
Q9300	TRANSISTOR	RTAN430C-T112-1	1	2217780R2	NSP

Q9301	TRANSISTOR	RTAN430C-T112-1	1	2217780R2	NSP
Q9302	TRANSISTOR	RTAN430C-T112-1	1	2217780R2	NSP
Q9303	TRANSISTOR	RTAN430C-T112-1	1	2217780R2	NSP
Q9304	TRANSISTOR	DTA114EKA	1	2217050R2	NSP
[Transformers, Coils]					
L5001	CHOKE COIL	BLM21PG221SN1	1	230949R2	NSP
L5002	CHOKE COIL	BLM21PG221SN1	1	230949R2	NSP
L5003	CHOKE COIL	BLM21PG221SN1	1	230949R2	NSP
L5004	CHOKE COIL	BLM21PG221SN1	1	230949R2	NSP
L6001	CHOKE COIL	LBC2518T2R2M	1	231364M022R2	NSP
L9000	EMI SUPPRESSION FILTER	BK1608LL241-T	1	230959R1	NSP
L9001	EMI SUPPRESSION FILTER	BK1608HS102-T	1	230955R2	NSP
L9003	CHOKE COIL	LBC2518T470M	1	231364M470R2	NSP
L9200	CORE	BLM18PG181SN1D	1	2350005R1	NSP
T5302	COIL	DLM1623C-100M-R	1	231496M100	
T5303	COIL	DLM1623C-100M-R	1	231496M100	
T5402	COIL	DLM1623C-100M-R	1	231496M100	
T5403	COIL	DLM1623C-100M-R	1	231496M100	
T5502	COIL	DLM1623C-100M-R	1	231496M100	
T5503	COIL	DLM1623C-100M-R	1	231496M100	
[Capacitors]					
C5001	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W25V-220M(UTSP)	1	397552217T	
C5002	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5003	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W25V-220M(UTSP)	1	397552217T	
C5004	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5005	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W25V-220M(UTSP)	1	397552217T	
C5006	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5007	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W25V-220M(UTSP)	1	397552217T	
C5008	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5101	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-472K1	1	332104725R1	NSP
C5102	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-473K1	1	332104735R1	NSP
C5103	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W25V-220M(UTSP)	1	397552217T	
C5104	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5105	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-473K1	1	332104735R1	NSP
C5106	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-472K1	1	332104725R1	NSP
C5107	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5108	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5109	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5110	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5111	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W25V-220M(UTSP)	1	397552217T	
C5112	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5113	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C5114	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5201	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W25V-220M(UTSP)	1	397552217T	
C5202	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-681J1	1	342106814R1	NSP
C5203	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-681J1	1	342106814R1	NSP
C5204	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-681J1	1	342106814R1	NSP
C5205	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-681J1	1	342106814R1	NSP
C5206	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-151J1	1	342101514R1	NSP
C5207	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-151J1	1	342101514R1	NSP
C5208	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-102J1	1	342101024R1	NSP
C5209	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-102J1	1	342101024R1	NSP
C5210	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-151J1	1	342101514R1	NSP
C5211	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-151J1	1	342101514R1	NSP
C5212	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W25V-100M(UTSP)	1	397551017AT	

C5213	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W25V-100M(UTSP)	1	397551017AT	
C5214	ELECTROLYTIC CAPACITOR	CE04W16V-120M(LXY)	1	3500303T	
C5215	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5221	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-101J1	1	342101014R1	NSP
C5222	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W25V-220M(UTSP)	1	397552217T	
C5223	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-152J1	1	342101524R1	NSP
C5224	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-152J1	1	342101524R1	NSP
C5225	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-152J1	1	342101524R1	NSP
C5227	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-152J1	1	342101524R1	NSP
C5229	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W50V-22M(UTSP)	1	397582207AT	
C5230	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5242	VR TYPE ELECTROLYTIC CAPACITOR	CE04W6.3V-470M(VR)	1	394624717T	
C5301	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5302	CHIP TYPE CERAMIC CAPACITOR	CK725B25V-105K1	1	332111055R1	NSP
C5303	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5304	CHIP TYPE CERAMIC CAPACITOR	CK725B25V-105K1	1	332111055R1	NSP
C5306	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C5307	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C5308	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C5309	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5310	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C5311	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-224K1	1	332102245R1	NSP
C5312	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-224K1	1	332102245R1	NSP
C5313	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-224K1	1	332102245R1	NSP
C5314	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-224K1	1	332102245R1	NSP
C5315	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C5316	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-333K1	1	332103335R1	NSP
C5317	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-333K1	1	332103335R1	NSP
C5318	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-333K1	1	332103335R1	NSP
C5319	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-333K1	1	332103335R1	NSP
C5320	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5321	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5326	UTSK C	CE04W50V-1000M(UTSK)	1	398381027S	
C5327	UTSK C	CE04W50V-1000M(UTSK)	1	398381027S	
C5340	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5341	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5342	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5343	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5344	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K1	1	332101025R1	NSP
C5345	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K1	1	332101025R1	NSP
C5346	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K1	1	332101025R1	NSP
C5347	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K1	1	332101025R1	NSP
C5348	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K1	1	332101035R1	NSP
C5349	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K1	1	332101035R1	NSP
C5350	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K1	1	332101035R1	NSP
C5351	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K1	1	332101035R1	NSP
C5352	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5353	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5356	CHIP TYPE PLASTIC FILM CAPACITOR	63MU474KB23225	1	376994745R2	NSP
C5357	CHIP TYPE PLASTIC FILM CAPACITOR	63MU474KB23225	1	376994745R2	NSP
C5401	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5402	CHIP TYPE CERAMIC CAPACITOR	CK725B25V-105K1	1	332111055R1	NSP
C5403	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5404	CHIP TYPE CERAMIC CAPACITOR	CK725B25V-105K1	1	332111055R1	NSP
C5406	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP

C5407	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C5408	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C5409	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5410	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C5411	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-224K1	1	332102245R1	NSP
C5412	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-224K1	1	332102245R1	NSP
C5413	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-224K1	1	332102245R1	NSP
C5414	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-224K1	1	332102245R1	NSP
C5415	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C5416	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-333K1	1	332103335R1	NSP
C5417	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-333K1	1	332103335R1	NSP
C5418	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-333K1	1	332103335R1	NSP
C5419	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-333K1	1	332103335R1	NSP
C5420	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5421	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5426	UTSK C	CE04W50V-1000M(UTSK)	1	398381027S	
C5427	UTSK C	CE04W50V-1000M(UTSK)	1	398381027S	
C5440	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5441	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5442	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5443	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5444	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K1	1	332101025R1	NSP
C5445	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K1	1	332101025R1	NSP
C5446	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K1	1	332101025R1	NSP
C5447	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K1	1	332101025R1	NSP
C5448	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K1	1	332101035R1	NSP
C5449	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K1	1	332101035R1	NSP
C5450	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K1	1	332101035R1	NSP
C5451	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K1	1	332101035R1	NSP
C5452	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5453	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5456	CHIP TYPE PLASTIC FILM CAPACITOR	63MU474KB23225	1	376994745R2	NSP
C5457	CHIP TYPE PLASTIC FILM CAPACITOR	63MU474KB23225	1	376994745R2	NSP
C5501	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5502	CHIP TYPE CERAMIC CAPACITOR	CK725B25V-105K1	1	332111055R1	NSP
C5503	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5504	CHIP TYPE CERAMIC CAPACITOR	CK725B25V-105K1	1	332111055R1	NSP
C5506	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C5507	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C5508	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C5509	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5510	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C5511	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-224K1	1	332102245R1	NSP
C5512	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-224K1	1	332102245R1	NSP
C5513	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-224K1	1	332102245R1	NSP
C5514	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-224K1	1	332102245R1	NSP
C5515	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C5516	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-333K1	1	332103335R1	NSP
C5517	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-333K1	1	332103335R1	NSP
C5518	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-333K1	1	332103335R1	NSP
C5519	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-333K1	1	332103335R1	NSP
C5520	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5521	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5526	UTSK C	CE04W50V-1000M(UTSK)	1	398381027S	
C5527	UTSK C	CE04W50V-1000M(UTSK)	1	398381027S	

C5540	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5541	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5542	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5543	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5544	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K1	1	332101025R1	NSP
C5545	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K1	1	332101025R1	NSP
C5546	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K1	1	332101025R1	NSP
C5547	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K1	1	332101025R1	NSP
C5548	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K1	1	332101035R1	NSP
C5549	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K1	1	332101035R1	NSP
C5550	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K1	1	332101035R1	NSP
C5551	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K1	1	332101035R1	NSP
C5552	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5553	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5556	CHIP TYPE PLASTIC FILM CAPACITOR	63MU474KB23225	1	376994745R2	NSP
C5557	CHIP TYPE PLASTIC FILM CAPACITOR	63MU474KB23225	1	376994745R2	NSP
C5601	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5602	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W50V-10M(UTSP)	1	397581007AT	
C5603	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5604	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5605	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C5606	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W50V 47M(UTSP)	1	397584707AT	
C5607	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K1	1	332101035R1	NSP
C5608	CHIP TYPE CERAMIC CAPACITOR	CK725B50V-105K	1	332241055R1	NSP
C5701	CHIP TYPE CERAMIC CAPACITOR	CK725B1E-106K	1	332221065R2	NSP
C5702	CHIP TYPE CERAMIC CAPACITOR	CK725B1E-106K	1	332221065R2	NSP
C5703	CHIP TYPE CERAMIC CAPACITOR	CK725B1E-106K	1	332221065R2	NSP
C5704	CHIP TYPE CERAMIC CAPACITOR	CK725B1E-106K	1	332221065R2	NSP
C5705	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K1	1	332101025R1	NSP
C5706	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K1	1	332101025R1	NSP
C5707	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K1	1	332101025R1	NSP
C5708	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K1	1	332101025R1	NSP
C5709	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K1	1	332101025R1	NSP
C5710	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K1	1	332101025R1	NSP
C5711	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K1	1	332101025R1	NSP
C5712	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-473K1	1	332104735R1	NSP
C5713	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-473K1	1	332104735R1	NSP
C5714	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-473K1	1	332104735R1	NSP
C5715	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-473K1	1	332104735R1	NSP
C5716	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-473K1	1	332104735R1	NSP
C5717	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-473K1	1	332104735R1	NSP
C5718	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-473K1	1	332104735R1	NSP
C5719	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-473K1	1	332104735R1	NSP
C5720	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-473K1	1	332104735R1	NSP
C5721	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-473K1	1	332104735R1	NSP
C5722	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-473K1	1	332104735R1	NSP
C5723	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-473K1	1	332104735R1	NSP
C5724	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K1	1	332101035R1	NSP
C5725	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K1	1	332101035R1	NSP
C5726	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K1	1	332101035R1	NSP
C6001	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-223K1	1	332102235R1	NSP
C6002	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-223K1	1	332102235R1	NSP
C6003	ELECTROLYTIC CAPACITOR	CE04W16V-47M	1	355744709T	
C6004	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-101J1	1	342101014R1	NSP
C6008	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-390J1	1	342103904R1	NSP

C6012	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-223K1	1	332102235R1	NSP
C6013	CHIP TYPE CERAMIC CAPACITOR	CK725F1E-104Z1	1	332161040R1	NSP
C6014	ELECTROLYTIC CAPACITOR	CE04W6.3V-100M	1	355721019T	
C6015	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-101J1	1	342101014R1	NSP
C6016	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-101J1	1	342101014R1	NSP
C6017	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-101J1	1	342101014R1	NSP
C6018	CHIP TYPE CERAMIC CAPACITOR	CK725F1E-104Z1	1	332161040R1	NSP
C6019	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-223K1	1	332102235R1	NSP
C6020	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-223K1	1	332102235R1	NSP
C6021	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-102J1	1	342101024R1	NSP
C6022	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-102J1	1	342101024R1	NSP
C6023	ELECTROLYTIC CAPACITOR	CE04W16V-47M	1	355744709T	
C6024	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C6030	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-223K1	1	332102235R1	NSP
C6031	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C6032	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C6161	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K1	1	332101035R1	NSP
C9000	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W50V-22M(UTSP)	1	397582207AT	
C9001	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-151J1	1	342101514R1	NSP
C9002	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-151J1	1	342101514R1	NSP
C9003	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-151J1	1	342101514R1	NSP
C9004	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W50V-22M(UTSP)	1	397582207AT	
C9005	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-151J1	1	342101514R1	NSP
C9006	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-151J1	1	342101514R1	NSP
C9007	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-151J1	1	342101514R1	NSP
C9008	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W50V-22M(UTSP)	1	397582207AT	
C9009	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-151J1	1	342101514R1	NSP
C9010	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-151J1	1	342101514R1	NSP
C9011	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-151J1	1	342101514R1	NSP
C9012	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W50V-22M(UTSP)	1	397582207AT	
C9013	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-151J1	1	342101514R1	NSP
C9014	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-151J1	1	342101514R1	NSP
C9015	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-151J1	1	342101514R1	NSP
C9017	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C9018	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-080D1	1	342100802R1	NSP
C9019	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-330J1	1	342103304R1	NSP
C9020	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-101J1	1	342101014R1	NSP
C9021	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C9022	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C9023	CHIP TYPE CERAMIC CAPACITOR	GRM188B31C225KE14D	1	332122255R1	NSP
C9024	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-102J1	1	342101024R1	NSP
C9025	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W50V-22M(UTSP)	1	397582207AT	
C9026	ELECTROLYTIC CAPACITOR	CE04W16V-47M(S)	1	353744709T	
C9027	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-122J1	1	342101224R1	NSP
C9028	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-122J1	1	342101224R1	NSP
C9029	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-472K1	1	332104725R1	NSP
C9030	CHIP TYPE CERAMIC CAPACITOR	GRM188B31C225KE14D	1	332122255R1	NSP
C9031	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-102J1	1	342101024R1	NSP
C9032	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W50V-22M(UTSP)	1	397582207AT	
C9033	ELECTROLYTIC CAPACITOR	CE04W16V-47M(S)	1	353744709T	
C9034	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-122J1	1	342101224R1	NSP
C9035	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-122J1	1	342101224R1	NSP
C9036	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-472K1	1	332104725R1	NSP
C9037	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C9038	ELECTROLYTIC CAPACITOR	CE04W16V-47M(S)	1	353744709T	

C9039	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-330J1	1	342103304R1	NSP
C9040	ELECTROLYTIC CAPACITOR	CE04W16V-47M(S)	1	353744709T	
C9041	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W50V-22M(UTSP)	1	397582207AT	
C9042	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W50V-22M(UTSP)	1	397582207AT	
C9043	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W25V-220M(UTSP)	1	397552217T	
C9044	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W25V-220M(UTSP)	1	397552217T	
C9045	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C9046	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C9047	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-102J1	1	342101024R1	NSP
C9048	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-102J1	1	342101024R1	NSP
C9051	ELECTROLYTIC CAPACITOR	CE04W16V-47M(S)	1	353744709T	
C9055	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C9069	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C9070	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C9071	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C9072	VR TYPE ELECTROLYTIC CAPACITOR	CE04W16V-100M(VR)	1	394641017T	
C9073	VR TYPE ELECTROLYTIC CAPACITOR	CE04W16V-100M(VR)	1	394641017T	
C9074	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-151J1	1	342101514R1	NSP
C9075	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-151J1	1	342101514R1	NSP
C9076	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W50V-22M(UTSP)	1	397582207AT	
C9077	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W50V-22M(UTSP)	1	397582207AT	
C9078	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-101J1	1	342101014R1	NSP
C9079	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-101J1	1	342101014R1	NSP
C9080	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-101J1	1	342101014R1	NSP
C9081	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-101J1	1	342101014R1	NSP
C9082	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-101J1	1	342101014R1	NSP
C9083	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-101J1	1	342101014R1	NSP
C9084	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-332K1	1	332103325R1	NSP
C9085	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-332K1	1	332103325R1	NSP
C9086	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-153K1	1	332101535R1	NSP
C9087	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C9094	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C9095	VR TYPE ELECTROLYTIC CAPACITOR	CE04W16V-100M(VR)	1	394641017T	
C9096	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C9097	VR TYPE ELECTROLYTIC CAPACITOR	CE04W16V-100M(VR)	1	394641017T	
C9098	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C9099	VR TYPE ELECTROLYTIC CAPACITOR	CE04W16V-100M(VR)	1	394641017T	
C9100	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C9101	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W25V-220M(UTSP)	1	397552217T	
C9103	ELECTROLYTIC CAPACITOR	CE04W16V-47M(S)	1	353744709T	
C9200	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C9202	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C9204	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C9206	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C9300	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-102J1	1	342101024R1	NSP
C9301	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-102J1	1	342101024R1	NSP
C9302	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-102J1	1	342101024R1	NSP
C9303	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-102J1	1	342101024R1	NSP
C9304	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-102J1	1	342101024R1	NSP
C9305	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C9306	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C9307	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C9308	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C9500	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K1	1	332101035R1	NSP
C9501	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K1	1	332101035R1	NSP

[illegible]

[illegible]

[illegible]

[illegible]

R9403	CHIP TYPE CARBON RESISTOR	RN72K1J-561JE	1	435035614R1	NSP
R9404	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R9500	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R9501	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R9502	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R9503	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R9520	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
[Switches, Terminals, Wires]					
P101B	SOCKET	NSCT-7P2100	1	25052203	NSP
P110	PRINTED WIRING BOARD	BCDIS-2245	1	25142245A	NSP
P2301B	SOCKET	NSCT-27P2418	1	25052521	NSP
P2302B	SOCKET	NSCT-21P2412	1	25052515	NSP
P2501B	SOCKET	NSCT-15P2433	1	25052536	NSP
P2502B	SOCKET	NSCT-17P2435	1	25052538	NSP
P5001	TERMINAL	NTM-6PDMLR473	1	25060552	
P5002	TERMINAL	NTM-6PDMLR473	1	25060552	
P5201A	PLUG	NPLG-7P354	1	25055371	NSP
P5201B	PLUG	NPLG-7P135	1	25055151	NSP
P5202	PIN JACK	NPJ-1PDP555	1	25045773	
P6100A	SOCKET	NSCT-5P2396	1	25052499	NSP
P6100B	SOCKET	NSCT-5P2396	1	25052499	NSP
P6103	WS CLAMP	CB-71683(L=50)	1	260261	NSP
P6104	WS CLAMP	CB-71683(L=50)	1	260261	NSP
P6105	RETAINER	(EARTH)	1	27142355A	N NSP
P7011B	SOCKET	NSCT-27P2445	1	25052548	NSP
P7013B	SOCKET	NSCT-11P2429	1	25052532	NSP
P9000	PIN JACK	NPJ-2PDRW805	1	25046077	
P9001	PIN JACK	NPJ-2PDRW805	1	25046077	
P9002	PIN JACK	NPJ-2PDRW805	1	25046077	
P9003	ST JACK	MSJ-035-22	1	25045887	
P9004	PIN JACK	NPJ-1PDO554	1	25045772	
P9005	TRM-423(SCREW)	NEJITANSI ST3	1	25060495	NSP
P9011	ST JACK	MSJ-035-12APCAG	1	25046035	
P903B	WIRE HARNESS ASSEMBLY	NSAS-10P2449	1	2009991585UL	NSP
P904B	PLUG	NPLG-7P121	1	25055137	NSP
P9200	PLUG	NPLG-5P352	1	25055369	NSP
P9201	PLUG	US1-28A01-01Z1	1	25056702	NSP
P9301	ST JACK	MSJ-035-05A BAG SR LF	1	25045927	
P9400	WS CLAMP	CB-71683(L=50)	1	260261	NSP
P9401	RETAINER	(EARTH)	1	27142355A	N NSP
P9402	RETAINER	(EARTH)	1	27142355A	N NSP
P9500	WS CLAMP	CB-71683(L=50)	1	260261	NSP
P9501A	SOCKET	NSCT-9P2427	1	25052530	NSP
P9501B	SOCKET	NSCT-9P2427	1	25052530	NSP
P9901	TRM-423(SCREW)	NEJITANSI ST3	1	25060495	NSP
S6000	PUSH SWITCH	NPS-111-S681	1	25035718T	NSP
S6001	PUSH SWITCH	NPS-111-S681	1	25035718T	NSP
S9400	PUSH SWITCH	NPS-111-S681	1	25035718T	NSP
S9401	PUSH SWITCH	NPS-111-S681	1	25035718T	NSP
S9402	PUSH SWITCH	NPS-111-S681	1	25035718T	NSP
S9500	ROTARY ENCODER	XREB12504PVB30FINB1-2-24	1	25065729	

BAPRC-2045-1D

<Note>

1. Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.
2. The ! mark found on some component parts indicates the importance of the safety factor of the part.
Therefore, when replacing, be sure to use parts of identical designation.

: NSP

REF. NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
[Semi-conductors]					
D2601	CHIP TYPE DIODE	DA2J10100	1	223303R2	NSP
D2602	CHIP TYPE DIODE	DA2J10100	1	223303R2	NSP
D3000	CHIP TYPE DIODE	DA2J10100	1	223303R2	NSP
D3001	CHIP TYPE DIODE	DA2J10100	1	223303R2	NSP
D3002	CHIP TYPE DIODE	DA2J10100	1	223303R2	NSP
D3003	CHIP TYPE DIODE	DA2J10100	1	223303R2	NSP
D7001	CHIP TYPE DIODE	DA2J10100	1	223303R2	NSP
D7004	CHIP TYPE DIODE	DA2J10100	1	223303R2	NSP
D7009	CHIP TYPE DIODE	DA2J10100	1	223303R2	NSP
D8003	ESD	IMSA-6802-01Y901_1608SIZE	1	4000255AR1	NSP
D8963	DIODE	RBR3MM30ATR	1	22380401R2	NSP
D8968	CHIP TYPE DIODE	DA2J10100	1	223303R2	NSP
D8969	ZENER DIODE	DZ2J062M0L	1	224760620R2	NSP
Q1001	HYBRID IC	TC7SZU04FU	1	22242512R2TO	NSP
Q1005	HYBRID IC	PCM9211PTR	1	22242703R2	NSP
Q1007	HYBRID IC	74VHC4040FT	1	22274040E1R2TO	NSP
Q1008	HYBRID IC	TC7WH241FU(TE12L_F)	1	22242076R2TO	NSP
Q1097	HYBRID IC	74VHC541FT	1	22274541E1R2TO	NSP
Q1099	TRANSISTOR	DTC044EEBTL	1	2218700R2	NSP
Q2601	HYBRID IC	74VHC157FT	1	22274157ER2TO	NSP
Q2701	HYBRID IC	74VHC157FT	1	22274157ER2TO	NSP
Q3001	HYBRID IC	AM3354BZCZ80	1	22243021R3	NSP
Q3002	HYBRID IC	TC58NVG1S3HTA00B4H	1	222W0155R3	NSP
Q3003	HYBRID IC	NT5CC128M16IP-DI	1	22243076R3	NSP
Q3006	HYBRID IC	PST894A160UR	1	22243226R2	NSP
Q3007	TRANSISTOR	DTC014EEBTL	1	2218690R2	NSP
Q3201	HYBRID IC	MFI337S3959	1	22242820R2	NSP
Q3401	HYBRID IC	S25FL164K0XMF1013	1	22242955R2	NSP
Q3403	HYBRID IC	TC7SZU04FU	1	22242512R2TO	NSP
Q3404	HYBRID IC	CS49844A-CQZ	1	22242926R3	NSP
Q3406	HYBRID IC	A3V64S40GTP-60	1	22242976R2	NSP
Q3407	HYBRID IC	TC7MBL3245SFT	1	22242539R2TO	NSP
Q3410	TRANSISTOR	DTC014EEBTL	1	2218690R2	NSP
Q3651	HYBRID IC	KSZ8091RNB	1	22243023R2	NSP
Q3652	HYBRID IC	SN74AUP1T17DCKR	1	222740170R2	NSP
Q3653	HYBRID IC	SN74AUP1T17DCKR	1	222740170R2	NSP
Q3654	HYBRID IC	TC74VCX125FT	1	22274125DR2TO	NSP
Q3667	TRANSISTOR	DTC014EEBTL	1	2218690R2	NSP
Q3901	HYBRID IC	TPS65910A31A1RSLR	1	22243022R2	NSP
Q7001	HYBRID IC	M95640-WMN6TP	1	22242643R2	NSP
Q7009	HYBRID IC	MPD70F3477AGJA-GAE-G	1	222W0117R3	NSP
Q7013	HYBRID IC	TC7WBL3305CFK	1	22242965R2	NSP
Q7016	TRANSISTOR	2SC2712-GR	1	2213145R2	NSP
Q7017	TRANSISTOR	DTC014EEBTL	1	2218690R2	NSP

Q7020	HYBRID IC	PST894A270UR	1	22243198R2	NSP
Q8003	HYBRID IC	74LCX125FT	1	22274125BR2TO	NSP
Q8111	HYBRID IC	NJM2830U1-09	1	22243211R2	NSP
Q8112	HYBRID IC	NJM2830U1-05	1	22243210R2	NSP
Q8114	HYBRID IC	74LCX125FT	1	22274125BR2TO	NSP
Q8118	HYBRID IC	S-1333A33-M5T1U3	1	22242934R2	NSP
Q8120	HYBRID IC	S-1333A33-M5T1U3	1	22242934R2	NSP
Q8121	HYBRID IC	S-1333A33-M5T1U3	1	22242934R2	NSP
Q8122	HYBRID IC	FR9888CSPCTR	1	22242839R2	NSP
Q8123	HYBRID IC	FR9888CSPCTR	1	22242839R2	NSP
Q8124	HYBRID IC	FR9888CSPCTR	1	22242839R2	NSP
Q8125	HYBRID IC	MM3464A50NRE	1	22243073R2	NSP
Q8130	HYBRID IC	FP6861C-B1AS5CT	1	22242840R2	NSP
Q8131	HYBRID IC	FR9888CSPCTR	1	22242839R2	NSP
Q8197	TRANSISTOR	DTC014EEBTL	1	2218690R2	NSP
Q8198	TRANSISTOR	DTA014EEBTL	1	2218680R2	NSP
Q8401	HYBRID IC	MN864787	1	22242944R3	NSP
Q8402	HYBRID IC	MX25L6433FM2I-08G	1	222W0156R2	NSP
Q8402or	HYBRID IC	IS25LP064A-JBLE	(1)	222W0160R2	NSP
Q8701	HYBRID IC	TMPM361F10FG	1	222W0115R3	NSP
Q8702	TRANSISTOR	DTC014EEBTL	1	2218690R2	NSP
Q8704	TRANSISTOR	DTA014EEBTL	1	2218680R2	NSP
Q8705	TRANSISTOR	DTC014EEBTL	1	2218690R2	NSP
Q8709	TRANSISTOR	DTC014EEBTL	1	2218690R2	NSP
Q8710	TRANSISTOR	DTC014EEBTL	1	2218690R2	NSP
Q8712	TRANSISTOR	DTC014EEBTL	1	2218690R2	NSP
Q8713	TRANSISTOR	DTC014EEBTL	1	2218690R2	NSP
Q8725	TRANSISTOR	DTC014EEBTL	1	2218690R2	NSP
Q8727	TRANSISTOR	DTC014EEBTL	1	2218690R2	NSP
Q8729	TRANSISTOR	DTC014EEBTL	1	2218690R2	NSP
Q8961	HYBRID IC	FR9889SPCTR	1	22243033R2	NSP
X1001	CRYSTAL	HC-49S 9C22.5792M	1	3010535R2	NSP
X3001	CRYSTAL	HC-49S 9C24.0000M	1	3010515R2	NSP
X3002	CRYSTAL	FC-135 -32.768K	1	3010532R2	NSP
X3401	CRYSTAL	HC-49S 9C24.5760M	1	3010516R2	NSP
X3651	CRYSTAL	HC-49S 9C25.0000M	1	3010517R2	NSP
X7001	CRYSTAL	CSTCR4M00G53-R0	1	3010536R2	NSP
X8400	CRYSTAL	HC-49S 9C27.0000M	1	3010518R2	NSP
X8701	CERAMIC RESONATOR	CSTCE8M00G55-R0	1	3010416R2	NSP
[Transformers, Coils]					
L1000	CORE	BLM15PX181SN1D	1	2350033R1	NSP
L1001	CORE	BLM15PX181SN1D	1	2350033R1	NSP
L1004	CORE	BK1005LL241-T	1	2350032R1	NSP
L1005	CORE	BK1005LL241-T	1	2350032R1	NSP
L1006	CORE	BK1005LL241-T	1	2350032R1	NSP
L1007	CORE	BK1005LL241-T	1	2350032R1	NSP
L1009	CHOKE COIL	LBC2518T4R7M	1	231364M047R2	NSP
L1012	CHOKE COIL	LBC2518T4R7M	1	231364M047R2	NSP
L1013	CHOKE COIL	LBC2518T4R7M	1	231364M047R2	NSP
L1027	CORE	BK1005LL241-T	1	2350032R1	NSP
L2301	CORE	BLM18PG181SN1D	1	2350005R1	NSP
L2303	CORE	BLM18PG181SN1D	1	2350005R1	NSP
L2304	CORE	BLM18PG181SN1D	1	2350005R1	NSP
L2501	CORE	BLM18PG181SN1D	1	2350005R1	NSP
L2502	CORE	BLM18PG181SN1D	1	2350005R1	NSP

L2503	CORE	BLM18PG181SN1D	1	2350005R1	NSP
L2504	CORE	BLM18PG181SN1D	1	2350005R1	NSP
L2601	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L2701	CORE	BLM18PG181SN1D	1	2350005R1	NSP
L3001	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L3201	CORE	BK1005LL241-T	1	2350032R1	NSP
L3401	CORE	BLM15PX181SN1D	1	2350033R1	NSP
L3403	CORE	BK1005LL241-T	1	2350032R1	NSP
L3405	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L3406	CORE	BLM15PX330SN1D	1	2350043R1	NSP
L3407	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L3408	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L3409	CORE	BLM15PX181SN1D	1	2350033R1	NSP
L3411	CORE	BK1005LL241-T	1	2350032R1	NSP
L3601	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L3602	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L3651	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L3652	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L3655	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L3656	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L3661	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L3901	CHOKE COIL	NRS4018T2R2MDGJ	1	231494R2	NSP
L3902	CHOKE COIL	NRS4018T2R2MDGJ	1	231494R2	NSP
L3903	CHOKE COIL	NRS4018T2R2MDGJ	1	231494R2	NSP
L3904	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L3905	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L3906	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L3907	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L3909	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L3910	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L3911	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L7007	CORE	BLM15PX181SN1D	1	2350033R1	NSP
L8001	CORE	EXC24CH900U	1	2350039R2	NSP
L8002	CORE	EXC24CH900U	1	2350039R2	NSP
L8003	CORE	EXC24CH900U	1	2350039R2	NSP
L8004	CORE	EXC24CH900U	1	2350039R2	NSP
L8106	CHOKE COIL	1255AS-100M	1	231482M100R2	NSP
L8107	CHOKE COIL	BLM21PG221SN1	1	230949R2	NSP
L8108	CHOKE COIL	BLM21PG221SN1	1	230949R2	NSP
L8109	CHOKE COIL	1255AS-100M	1	231482M100R2	NSP
L8110	CHOKE COIL	BLM21PG221SN1	1	230949R2	NSP
L8111	CHOKE COIL	BLM21PG221SN1	1	230949R2	NSP
L8112	CHOKE COIL	1255AS-100M	1	231482M100R2	NSP
L8115	CORE	BLM15PX181SN1D	1	2350033R1	NSP
L8117	CHOKE COIL	BLM21PG221SN1	1	230949R2	NSP
L8120	CHOKE COIL	BLM21PG221SN1	1	230949R2	NSP
L8121	CHOKE COIL	BLM21PG221SN1	1	230949R2	NSP
L8122	CHOKE COIL	1255AS-100M	1	231482M100R2	NSP
L8125	CHOKE COIL	BLM21PG221SN1	1	230949R2	NSP
L8126	CHOKE COIL	BLM21PG221SN1	1	230949R2	NSP
L8141	CORE	BLM18AG102SN1	1	230963R1	NSP
L8400	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L8401	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L8402	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L8403	CORE	BLM15PX121SN1D	1	2350034R1	NSP

L8404	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L8405	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L8406	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L8407	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L8408	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L8409	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L8410	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L8411	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L8412	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L8413	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L8415	CORE	BLM15PX121SN1D	1	2350034R1	NSP
L8416	CORE	BK1005LL241-T	1	2350032R1	NSP
L8417	CORE	BLM15PX181SN1D	1	2350033R1	NSP
L8418	CORE	BLM15PX181SN1D	1	2350033R1	NSP
L8702	CORE	BLM15PX181SN1D	1	2350033R1	NSP
L8961	CHOKE COIL	BLM21PG221SN1	1	230949R2	NSP
L8962	CHOKE COIL	1255AS-100M	1	231482M100R2	NSP
T3601	CORE	MCF12102G900-T	1	2350041R2	NSP
T3651	CORE	MCF20104G900-T	1	2350040R2	NSP

[Capacitors]

C1001	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C1008	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-150J0	1	342031504R1	NSP
C1009	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-180J0	1	342031804R1	NSP
C1014	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C1018	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C1019	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C1020	CHIP ELECT C	CEWX4V-220M	1	3981G2217R2	NSP
C1021	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-472K0	1	332034725R1	NSP
C1022	CHIP ELECT C	CE32W16V-47M(EC-PC)	1	3500238R2	NSP
C1023	CHIP ELECT C	CEWX16V-100M	1	398141017R2	NSP
C1024	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C1025	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-223K0	1	332032235R1	NSP
C1026	CHIP TYPE CERAMIC CAPACITOR	CK725B1E-473K0	1	332024735R1	NSP
C1027	CHIP ELECT C	CEWX4V-220M	1	3981G2217R2	NSP
C1030	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C1033	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-105K0	1	332001055R1	NSP
C1068	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C1069	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C1073	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C1074	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C1075	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C1076	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K1	1	332101035R1	NSP
C1077	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K1	1	332101035R1	NSP
C1079	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C1093	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C1106	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C1119	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C2301	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C2302	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C2303	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C2308	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C2503	CD C	UCD1V470MCL1GS	1	396664707R2	NSP
C2504	CD C	UCD1V470MCL1GS	1	396664707R2	NSP
C2505	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C2506	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP

C2507	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C2508	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C2509	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C2601	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-330J1	1	342103304R1	NSP
C2603	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C2701	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-330J1	1	342103304R1	NSP
C2702	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C2703	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C3001	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-105K0	1	332001055R1	NSP
C3002	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C3003	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-105K0	1	332001055R1	NSP
C3004	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C3005	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-180J0	1	342031804R1	NSP
C3006	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-180J0	1	342031804R1	NSP
C3007	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-120J0	1	342031204R1	NSP
C3008	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-120J0	1	342031204R1	NSP
C3009	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C3010	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-105K0	1	332001055R1	NSP
C3011	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C3012	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-105K0	1	332001055R1	NSP
C3013	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C3014	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C3015	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3016	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C3017	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C3018	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3019	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3020	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3021	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3022	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3023	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3024	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3025	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3026	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3027	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3028	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3029	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3030	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3031	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3032	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3077	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-105K0	1	332001055R1	NSP
C3201	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3202	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3325	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-105K0	1	332001055R1	NSP
C3401	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-331J0	1	342033314R1	NSP
C3402	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-331J0	1	342033314R1	NSP
C3403	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3404	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-331J0	1	342033314R1	NSP
C3405	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3406	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-105K0	1	332001055R1	NSP
C3407	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3408	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C3410	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3411	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3412	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP

C3413	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-120J0	1	342031204R1	NSP
C3414	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-120J0	1	342031204R1	NSP
C3415	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3416	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3418	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3419	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3420	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-471J0	1	342034714R1	NSP
C3422	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3423	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3424	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3425	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3426	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C3427	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3428	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C3429	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C3431	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C3432	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C3433	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3434	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C3435	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C3436	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C3437	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3438	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3439	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3440	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3441	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3442	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C3443	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-105K0	1	332001055R1	NSP
C3444	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-105K0	1	332001055R1	NSP
C3445	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-105K0	1	332001055R1	NSP
C3446	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-105K0	1	332001055R1	NSP
C3448	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-105K0	1	332001055R1	NSP
C3457	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3458	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3459	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3462	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C3468	CHIP TYPE CERAMIC CAPACITOR	CK725B0J-226M	1	332092267R2	NSP
C3471	CHIP ELECT C	CECS16V-100M	1	398641017R2	NSP
C3472	CHIP ELECT C	CECS16V-100M	1	398641017R2	NSP
C3473	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-221J1	1	342102214R1	NSP
C3602	CHIP TYPE CERAMIC CAPACITOR	CK725B0J-226M	1	332092267R2	NSP
C3603	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C3651	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-105K0	1	332001055R1	NSP
C3652	CHIP TYPE CERAMIC CAPACITOR	CK725B0J-226M	1	332092267R2	NSP
C3654	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3655	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3656	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3657	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3659	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3660	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C3661	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C3662	CHIP TYPE CERAMIC CAPACITOR	CK725B0J-226M	1	332092267R2	NSP
C3663	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-225K1	1	332132255R1	NSP
C3664	CHIP TYPE CERAMIC CAPACITOR	CK725B0J-226M	1	332092267R2	NSP
C3665	CHIP TYPE CERAMIC CAPACITOR	CK725B0J-226M	1	332092267R2	NSP

C3666	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-150J0	1	342031504R1	NSP
C3667	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-180J0	1	342031804R1	NSP
C3668	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3669	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3670	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3674	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C3684	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3685	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C3686	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-105K0	1	332001055R1	NSP
C3687	CHIP ELECT C	CE32W16V-47M(EC-PC)	1	3500238R2	NSP
C3690	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-221J1	1	342102214R1	NSP
C3691	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-220J0	1	342032204R1	NSP
C3803	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C3804	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C3805	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C3806	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C3810	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-221J1	1	342102214R1	NSP
C3811	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-221J1	1	342102214R1	NSP
C3891	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-221J1	1	342102214R1	NSP
C3892	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-223K1	1	332102235R1	NSP
C3901	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-475K1	1	332134755R1	NSP
C3902	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-225K1	1	332132255R1	NSP
C3903	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-225K1	1	332132255R1	NSP
C3904	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C3905	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-475K1	1	332134755R1	NSP
C3906	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-225K1	1	332132255R1	NSP
C3907	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-225K1	1	332132255R1	NSP
C3908	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C3909	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3910	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-225K1	1	332132255R1	NSP
C3911	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-225K1	1	332132255R1	NSP
C3912	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-475K1	1	332134755R1	NSP
C3913	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-475K1	1	332134755R1	NSP
C3914	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-225K1	1	332132255R1	NSP
C3915	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C3916	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C3917	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C3918	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C3919	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-475K1	1	332134755R1	NSP
C3920	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-225K1	1	332132255R1	NSP
C3921	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-225K1	1	332132255R1	NSP
C3922	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C3923	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C3924	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C3925	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C3926	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-471J0	1	342034714R1	NSP
C3927	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C3928	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C3929	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C3930	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3931	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3932	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3933	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C3934	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-101J0	1	342031014R1	NSP
C3935	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP

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C3991	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C3992	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C3993	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C3994	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-101J0	1	342031014R1	NSP
C3995	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C3996	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C3997	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C3998	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C3999	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C4000	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C4001	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C4002	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C7001	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C7002	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C7003	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C7004	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C7014	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C7015	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C7017	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C7018	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C7019	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C7020	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-475K1	1	332134755R1	NSP
C7030	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C7031	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C7032	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C7036	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C7050	CHIP TYPE CERAMIC CAPACITOR	CK725B1E-153K0	1	332021535R1	NSP
C7052	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C7182	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C7183	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C7184	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-105K0	1	332001055R1	NSP
C7185	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C7188	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C7190	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C8038	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8091	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8092	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8113	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8132	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C8133	CHIP TYPE CERAMIC CAPACITOR	CK725B0J-226M	1	332092267R2	NSP
C8134	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C8135	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C8136	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8137	CHIP TYPE CERAMIC CAPACITOR	CK725B0J-226M	1	332092267R2	NSP
C8138	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C8139	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8140	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C8141	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C8142	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C8143	CHIP TYPE CERAMIC CAPACITOR	CK725B0J-226M	1	332092267R2	NSP
C8144	CHIP TYPE CERAMIC CAPACITOR	CK725B0J-226M	1	332092267R2	NSP
C8146	CHIP TYPE CERAMIC CAPACITOR	CK725B0J-226M	1	332092267R2	NSP
C8147	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8149	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C8150	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP

C8151	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C8152	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C8153	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C8154	CHIP TYPE CERAMIC CAPACITOR	CK725B0J-226M	1	332092267R2	NSP
C8155	CHIP TYPE CERAMIC CAPACITOR	CK725B0J-226M	1	332092267R2	NSP
C8160	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C8161	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8162	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C8163	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C8164	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C8165	CHIP TYPE CERAMIC CAPACITOR	CK725B0J-226M	1	332092267R2	NSP
C8166	CHIP TYPE CERAMIC CAPACITOR	CK725B0J-226M	1	332092267R2	NSP
C8168	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C8170	CHIP TYPE CERAMIC CAPACITOR	CK725B50V-105K	1	332241055R1	NSP
C8171	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C8172	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C8173	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-225K1	1	332132255R1	NSP
C8174	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C8175	CD C	UCD1V470MCL1GS	1	396664707R2	NSP
C8176	CD C	UCD1V470MCL1GS	1	396664707R2	NSP
C8178	CD C	UCD1V470MCL1GS	1	396664707R2	NSP
C8180	CHIP TYPE CERAMIC CAPACITOR	CK725B1E-106K	1	332221065R2	NSP
C8182	CHIP TYPE CERAMIC CAPACITOR	CK725B1E-106K	1	332221065R2	NSP
C8184	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-100J0	1	342031004R1	NSP
C8185	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C8186	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8187	CHIP ELECT C	CEWX16V-100M	1	398141017R2	NSP
C8188	CHIP TYPE CERAMIC CAPACITOR	CK725B1E-106K	1	332221065R2	NSP
C8189	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C8190	CHIP TYPE CERAMIC CAPACITOR	CK725B0J-226M	1	332092267R2	NSP
C8191	CHIP TYPE CERAMIC CAPACITOR	CK725B0J-226M	1	332092267R2	NSP
C8194	CHIP ELECT C	CEWX16V-100M	1	398141017R2	NSP
C8197	CHIP ELECT C	CEWX16V-100M	1	398141017R2	NSP
C8198	CHIP TYPE CERAMIC CAPACITOR	CK725B1E-106K	1	332221065R2	NSP
C8199	CHIP TYPE CERAMIC CAPACITOR	CK725B1E-106K	1	332221065R2	NSP
C8201	CHIP TYPE CERAMIC CAPACITOR	CK725B0J-226M	1	332092267R2	NSP
C8202	CHIP TYPE CERAMIC CAPACITOR	CK725B0J-226M	1	332092267R2	NSP
C8203	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C8205	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C8206	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C8207	CHIP ELECT C	CE32W16V-100M(TZV_6.3X6.	1	3500298R2	NSP
C8401	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8402	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8403	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8404	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8405	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8406	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-221J0	1	342032214R1	NSP
C8407	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-331J0	1	342033314R1	NSP
C8408	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8409	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-471J0	1	342034714R1	NSP
C8410	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-471J0	1	342034714R1	NSP
C8411	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8412	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8413	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C8414	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP

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C8475	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C8476	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-105K0	1	332001055R1	NSP
C8477	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-105K0	1	332001055R1	NSP
C8478	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-105K0	1	332001055R1	NSP
C8483	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C8484	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C8485	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8486	CHIP ELECT C	CE32W16V-100M(TZV_6.3X6.	1	3500298R2	NSP
C8487	CHIP ELECT C	CE32W16V-100M(TZV_6.3X6.	1	3500298R2	NSP
C8611	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C8612	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C8621	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C8622	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C8631	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C8632	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K0	1	332031025R1	NSP
C8700	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8701	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8702	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8703	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8704	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8705	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-105K0	1	332001055R1	NSP
C8706	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8707	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8709	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C8710	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8906	CHIP TYPE CERAMIC CAPACITOR	CK725B0J-226M	1	332092267R2	NSP
C8961	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-103K0	1	332031035R1	NSP
C8962	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K0	1	332011045R1	NSP
C8963	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C8964	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C8966	CHIP TYPE CERAMIC CAPACITOR	CK725B0J-226M	1	332092267R2	NSP
C8967	CHIP TYPE CERAMIC CAPACITOR	CK725B0J-226M	1	332092267R2	NSP
C8984	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-102J1	1	342101024R1	NSP
[Resistors]					
R1001	CHIP TYPE CARBON RESISTOR	RN72K1J-331JE	1	435033314R1	NSP
R1006	CHIP TYPE CARBON RESISTOR	RN72K1J-560JE	1	435035604R1	NSP
R1007	CHIP TYPE CARBON RESISTOR	RN72K1J-105JE	1	435031054R1	NSP
R1008	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R1017	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R1019	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R1020	CHIP TYPE CARBON RESISTOR	RN72K1J-391JE	1	435033914R1	NSP
R1021	CHIP TYPE CARBON RESISTOR	RN72K1J-101JE	1	435031014R1	NSP
R1022	CHIP TYPE CARBON RESISTOR	RN72K1J-151JE	1	435031514R1	NSP
R1024	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R1025	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R1026	CHIP TYPE CARBON RESISTOR	RN72K1J-331JE	1	435033314R1	NSP
R1031	CHIP TYPE CARBON RESISTOR	RN72K1J-331JE	1	435033314R1	NSP
R1032	CHIP TYPE CARBON RESISTOR	RN72K1J-331JE	1	435033314R1	NSP
R1034	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R1035	CHIP TYPE CARBON RESISTOR	RN72K1J-331JE	1	435033314R1	NSP
R1037	CHIP TYPE CARBON RESISTOR	RN72K1J-331JE	1	435033314R1	NSP
R1039	CHIP TYPE CARBON RESISTOR	RN72K1J-330JE	1	435033304R1	NSP
R1041	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R1042	CHIP TYPE CARBON RESISTOR	RN72K1J-331JE	1	435033314R1	NSP
R1043	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP

R1044	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R1046	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R1047	CHIP TYPE CARBON RESISTOR	RN72K1J-681JE	1	435036814R1	NSP
R1048	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R1049	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R1050	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R1051	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R1060	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R1061	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R1062	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R1063	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R1064	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R1076	CHIP TYPE CARBON RESISTOR	RN72K1J-680JE	1	435036804R1	NSP
R1077	CHIP TYPE CARBON RESISTOR	RN72K1J-680JE	1	435036804R1	NSP
R1081	CHIP TYPE CARBON RESISTOR	RN72K1J-181JE	1	435031814R1	NSP
R1083	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R1085	CHIP TYPE CARBON RESISTOR	RN72K1J-181JE	1	435031814R1	NSP
R1114	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R1115	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R1116	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R1117	CHIP TYPE CARBON RESISTOR	RN72K1J-330JE	1	435033304R1	NSP
R1118	CHIP TYPE CARBON RESISTOR	RN72K1J-330JE	1	435033304R1	NSP
R1119	CHIP TYPE CARBON RESISTOR	RN72K1J-330JE	1	435033304R1	NSP
R1149	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R1150	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R1151	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R1159	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R1161	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R1167	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R1167or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP
R1168	CHIP TYPE CARBON RESISTOR	RN72K1J-101JE	1	435031014R1	NSP
R1171	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R1172	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R2301	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R2302	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R2303	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R2304	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R2305	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R2306	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R2307	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R2308	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R2309	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R2310	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R2311	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R2312	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R2313	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R2314	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R2315	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R2316	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R2317	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R2318	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R2319	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R2320	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R2321	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R2322	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP

R3019	CHIP TYPE CARBON RESISTOR	RN72K1J-472JE	1	435034724R1	NSP
R3020	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R3021	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R3022	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3023	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3028	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R3029	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R3030	CHIP TYPE CARBON RESISTOR	RN72K1J-223JE	1	435032234R1	NSP
R3031	CHIP TYPE CARBON RESISTOR	RN72K1J-104JE	1	435031044R1	NSP
R3032	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3033	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3034	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3035	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R3036	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3037	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3038	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3039	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3040	CHIP TYPE CARBON RESISTOR	MCR03EZPF49R9(49.9_1%)	1	4100037R2	NSP
R3041	CHIP TYPE CARBON RESISTOR	RN72K1J-271FE	1	435032712R1	NSP
R3042	CHIP TYPE CARBON RESISTOR	RN72K1J-222FE	1	435032222R1	NSP
R3043	CHIP TYPE CARBON RESISTOR	RN72K1J-103FE	1	435031032R1	NSP
R3044	CHIP TYPE CARBON RESISTOR	RN72K1J-103FE	1	435031032R1	NSP
R3045	CHIP TYPE CARBON RESISTOR	RN72K1J-102FE	1	435031022R1	NSP
R3046	CHIP TYPE CARBON RESISTOR	RN72K1J-102FE	1	435031022R1	NSP
R3077	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R3078	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R3079	CHIP TYPE CARBON RESISTOR	RN72K1J-475JE	1	435034754R1	NSP
R3080	CHIP TYPE CARBON RESISTOR	RN72K1J-475JE	1	435034754R1	NSP
R3081	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R3081or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP
R3082	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R3082or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP
R3083	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R3083or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP
R3201	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3202	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R3203	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3204	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3205	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3206	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3207	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3212	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3213	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3214	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3215	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3244	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R3245	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R3246	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R3247	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R3250	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R3251	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R3252	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R3253	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R3254	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R3255	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP

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R3348	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3349	CHIP TYPE CARBON RESISTOR	RN72K1J-472JE	1	435034724R1	NSP
R3350	CHIP TYPE CARBON RESISTOR	RN72K1J-472JE	1	435034724R1	NSP
R3351	CHIP RESISTOR NETWORK	MNR04MRAPJ103	1	43464710304R2	NSP
R3351or	CHIP RESISTOR NETWORK	YCN104-103-JK	(1)	43464C10304R1	NSP
R3352	CHIP RESISTOR NETWORK	MNR04MRAPJ103	1	43464710304R2	NSP
R3352or	CHIP RESISTOR NETWORK	YCN104-103-JK	(1)	43464C10304R1	NSP
R3353	CHIP RESISTOR NETWORK	MNR04MRAPJ220	1	43464722004R2	NSP
R3353or	CHIP RESISTOR NETWORK	RM7LJ220X04	(1)	43484722004R2	NSP
R3354	CHIP RESISTOR NETWORK	MNR04MRAPJ220	1	43464722004R2	NSP
R3354or	CHIP RESISTOR NETWORK	RM7LJ220X04	(1)	43484722004R2	NSP
R3355	CHIP RESISTOR NETWORK	MNR04MRAPJ220	1	43464722004R2	NSP
R3355or	CHIP RESISTOR NETWORK	RM7LJ220X04	(1)	43484722004R2	NSP
R3356	CHIP RESISTOR NETWORK	MNR04MRAPJ220	1	43464722004R2	NSP
R3356or	CHIP RESISTOR NETWORK	RM7LJ220X04	(1)	43484722004R2	NSP
R3357	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R3358	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R3360	CHIP TYPE CARBON RESISTOR	RN72K1J-472JE	1	435034724R1	NSP
R3361	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R3366	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R3367	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3369	CHIP TYPE CARBON RESISTOR	RN72K1J-472JE	1	435034724R1	NSP
R3370	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R3371	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R3373	CHIP TYPE CARBON RESISTOR	RN72K1J-472JE	1	435034724R1	NSP
R3375	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3377	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R3400	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R3401	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3403	CHIP TYPE CARBON RESISTOR	RN72K1J-101JE	1	435031014R1	NSP
R3404	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3405	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3406	CHIP TYPE CARBON RESISTOR	RN72K1J-332JE	1	435033324R1	NSP
R3407	CHIP TYPE CARBON RESISTOR	RN72K1J-222JE	1	435032224R1	NSP
R3408	CHIP RESISTOR NETWORK	MNR04MRAPJ221	1	43464722104R2	NSP
R3408or	CHIP RESISTOR NETWORK	YCN104-221-JK	(1)	43464C22104R1	NSP
R3409	CHIP RESISTOR NETWORK	MNR04MRAPJ221	1	43464722104R2	NSP
R3409or	CHIP RESISTOR NETWORK	YCN104-221-JK	(1)	43464C22104R1	NSP
R3412	CHIP TYPE CARBON RESISTOR	RN72K1J-472JE	1	435034724R1	NSP
R3414	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R3421	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3424	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3425	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3428	CHIP TYPE CARBON RESISTOR	RN72K1J-472JE	1	435034724R1	NSP
R3429	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R3429or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP
R3430	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R3430or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP
R3433	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R3434	CHIP TYPE CARBON RESISTOR	RN72K1J-332JE	1	435033324R1	NSP
R3435	CHIP TYPE CARBON RESISTOR	RN72K1J-222JE	1	435032224R1	NSP
R3436	CHIP TYPE CARBON RESISTOR	RN72K1J-101JE	1	435031014R1	NSP
R3437	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3438	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3439	CHIP TYPE CARBON RESISTOR	RN72K1J-332JE	1	435033324R1	NSP

R3440	CHIP TYPE CARBON RESISTOR	RN72K1J-332JE	1	435033324R1	NSP
R3441	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R3441or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP
R3442	CHIP TYPE CARBON RESISTOR	RN72K1J-105JE	1	435031054R1	NSP
R3443	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R3444	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3445	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R3445or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP
R3446	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R3447	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3448	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3449	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R3449or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP
R3450	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3451	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R3451or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP
R3452	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3453	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R3454	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3455	CHIP TYPE CARBON RESISTOR	RN72K1J-101JE	1	435031014R1	NSP
R3456	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3457	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R3457or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP
R3462	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R3464	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R3465	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R3466	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R3469	CHIP TYPE CARBON RESISTOR	RN72K1J-222JE	1	435032224R1	NSP
R3470	CHIP TYPE CARBON RESISTOR	RN72K1J-222JE	1	435032224R1	NSP
R3473	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R3474	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R3481	CHIP TYPE CARBON RESISTOR	RN72K1J-332JE	1	435033324R1	NSP
R3484	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3485	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3488	CHIP TYPE CARBON RESISTOR	RN72K1J-332JE	1	435033324R1	NSP
R3491	CHIP TYPE CARBON RESISTOR	RN72K1J-332JE	1	435033324R1	NSP
R3494	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R3494or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP
R3495	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R3495or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP
R3496	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R3496or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP
R3497	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R3497or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP
R3500	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3501	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3502	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3503	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3504	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3505	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R3507	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R3603	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R3605	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R3652	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R3653	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP

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R3748	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R3749	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R3750	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R3751	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R3752	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R3753	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R3754	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R3758	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R3902	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R3903	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R3904	CHIP TYPE CARBON RESISTOR	RN72K1J-122JE	1	435031224R1	NSP
R3905	CHIP TYPE CARBON RESISTOR	RN72K1J-122JE	1	435031224R1	NSP
R3906	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R3908	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R3911	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R3912	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R3915	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R3916	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R3917	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R3918	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R3920	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R7001	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R7001or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP
R7002	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R7003	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R7007	CHIP TYPE CARBON RESISTOR	RN72K1J-105JE	1	435031054R1	NSP
R7008	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R7009	CHIP TYPE CARBON RESISTOR	RN72K1J-105JE	1	435031054R1	NSP
R7011	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R7012	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R7013	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R7014	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R7015	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R7016	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R7018	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R7019	CHIP RESISTOR NETWORK	MNR04MRAPJ221	1	43464722104R2	NSP
R7019or	CHIP RESISTOR NETWORK	YCN104-221-JK	(1)	43464C22104R1	NSP
R7020	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R7021	CHIP TYPE CARBON RESISTOR	RN72K1J-472JE	1	435034724R1	NSP
R7022	CHIP TYPE CARBON RESISTOR	RN72K1J-472JE	1	435034724R1	NSP
R7023	CHIP TYPE CARBON RESISTOR	RN72K1J-224JE	1	435032244R1	NSP
R7024	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R7027	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R7029	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R7030	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R7031	CHIP RESISTOR NETWORK	MNR04MRAPJ221	1	43464722104R2	NSP
R7031or	CHIP RESISTOR NETWORK	YCN104-221-JK	(1)	43464C22104R1	NSP
R7032	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R7033	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R7033or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP
R7034	CHIP RESISTOR NETWORK	MNR04MRAPJ221	1	43464722104R2	NSP
R7034or	CHIP RESISTOR NETWORK	YCN104-221-JK	(1)	43464C22104R1	NSP
R7035	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R7037	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R7038	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP

R7039	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R7040	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R7044	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R7046	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R7048	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R7049	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R7050	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R7051	CHIP TYPE CARBON RESISTOR	RN72K1J-105JE	1	435031054R1	NSP
R7054	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R7055	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R7056	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R7059	CHIP TYPE CARBON RESISTOR	RN72K1J-224JE	1	435032244R1	NSP
R7061	CHIP RESISTOR NETWORK	MNR04MRAPJ221	1	43464722104R2	NSP
R7061or	CHIP RESISTOR NETWORK	YCN104-221-JK	(1)	43464C22104R1	NSP
R7062	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R7063	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R7064	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R7065	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R7066	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R7067	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R7068	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R7069	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R7069or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP
R7070	CHIP RESISTOR NETWORK	MNR04MRAPJ221	1	43464722104R2	NSP
R7070or	CHIP RESISTOR NETWORK	YCN104-221-JK	(1)	43464C22104R1	NSP
R7071	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R7073	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R7074	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R7075	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R7075or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP
R7076	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R7077	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R7079	CHIP RESISTOR NETWORK	MNR04MRAPJ221	1	43464722104R2	NSP
R7079or	CHIP RESISTOR NETWORK	YCN104-221-JK	(1)	43464C22104R1	NSP
R7080	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R7081	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R7082	CHIP TYPE CARBON RESISTOR	RN72K1J-104JE	1	435031044R1	NSP
R7083	CHIP TYPE CARBON RESISTOR	RN72K1J-332JE	1	435033324R1	NSP
R7084	CHIP TYPE CARBON RESISTOR	RN72K1J-331JE	1	435033314R1	NSP
R7085	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R7086	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R7087	CHIP TYPE CARBON RESISTOR	RN72K1J-273JE	1	435032734R1	NSP
R7088	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R7089	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R7091	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R7092	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R7093	CHIP TYPE CARBON RESISTOR	RN72K1J-472JE	1	435034724R1	NSP
R7094	CHIP TYPE CARBON RESISTOR	RN72K1J-472JE	1	435034724R1	NSP
R7095	CHIP RESISTOR NETWORK	MNR04MRAPJ221	1	43464722104R2	NSP
R7095or	CHIP RESISTOR NETWORK	YCN104-221-JK	(1)	43464C22104R1	NSP
R7097	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R7098	CHIP RESISTOR NETWORK	MNR04MRAPJ221	1	43464722104R2	NSP
R7098or	CHIP RESISTOR NETWORK	YCN104-221-JK	(1)	43464C22104R1	NSP
R7099	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R7099or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP

R7101	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R7103	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R7104	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R7105	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R7105or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP
R7106	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R7108	CHIP RESISTOR NETWORK	MNR04MRAPJ103	1	43464710304R2	NSP
R7108or	CHIP RESISTOR NETWORK	YCN104-103-JK	(1)	43464C10304R1	NSP
R7109	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R7110	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R7113	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R7114	CHIP TYPE CARBON RESISTOR	RN72K1J-104JE	1	435031044R1	NSP
R7115	CHIP TYPE CARBON RESISTOR	RN72K1J-104JE	1	435031044R1	NSP
R7116	CHIP TYPE CARBON RESISTOR	RN72K1J-104JE	1	435031044R1	NSP
R7117	CHIP TYPE CARBON RESISTOR	RN72K1J-104JE	1	435031044R1	NSP
R7121	CHIP TYPE CARBON RESISTOR	RN72K1J-105JE	1	435031054R1	NSP
R7122	CHIP TYPE CARBON RESISTOR	RN72K1J-105JE	1	435031054R1	NSP
R7123	CHIP RESISTOR NETWORK	MNR04MRAPJ221	1	43464722104R2	NSP
R7123or	CHIP RESISTOR NETWORK	YCN104-221-JK	(1)	43464C22104R1	NSP
R7125	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R7127	CHIP TYPE CARBON RESISTOR	RN72K1J-472JE	1	435034724R1	NSP
R7128	CHIP TYPE CARBON RESISTOR	RN72K1J-472JE	1	435034724R1	NSP
R7132	CHIP TYPE CARBON RESISTOR	RN72K1J-331JE	1	435033314R1	NSP
R7133	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R7134	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R7135	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R7136	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R7137	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R7138	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R7139	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R7140	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R7141	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R7142	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R7143	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R7144	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R7145	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R7146	CHIP TYPE CARBON RESISTOR	RN72K1J-472JE	1	435034724R1	NSP
R7147	CHIP TYPE CARBON RESISTOR	RN72K1J-472JE	1	435034724R1	NSP
R7151	CHIP TYPE CARBON RESISTOR	RN72K1J-104JE	1	435031044R1	NSP
R7152	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R7153	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R7154	CHIP TYPE CARBON RESISTOR	RN72K1J-104JE	1	435031044R1	NSP
R7161	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R7182	CHIP TYPE CARBON RESISTOR	RN72K1J-272JE	1	435032724R1	NSP
R7183	CHIP TYPE CARBON RESISTOR	RN72K1J-272JE	1	435032724R1	NSP
R7184	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R7187	CHIP TYPE CARBON RESISTOR	RN72K1J-104JE	1	435031044R1	NSP
R7188	CHIP TYPE CARBON RESISTOR	RN72K1J-104JE	1	435031044R1	NSP
R7195	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R7196	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R7197	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R7198	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R7199	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R7203	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R7204	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP

R7205	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R7206	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R7210	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R7214	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R7215	CHIP TYPE CARBON RESISTOR	RN72K1J-101JE	1	435031014R1	NSP
R7216	CHIP TYPE CARBON RESISTOR	RN72K1J-101JE	1	435031014R1	NSP
R7217	CHIP TYPE CARBON RESISTOR	RN72K1J-104JE	1	435031044R1	NSP
R7218	CHIP TYPE CARBON RESISTOR	RN72K1J-104JE	1	435031044R1	NSP
R7219	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R7222	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R7224	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R7227	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R7228	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R7231	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R7232	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R7234	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R7235	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R7236	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R7242	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R8011	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R8021	CHIP TYPE CARBON RESISTOR	RN72K1J-182JE	1	435031824R1	NSP
R8022	CHIP TYPE CARBON RESISTOR	RN72K1J-182JE	1	435031824R1	NSP
R8030	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R8075	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R8112	CHIP TYPE CARBON RESISTOR	RN72K1J-682JE	1	435036824R1	NSP
R8113	CHIP TYPE CARBON RESISTOR	RN72K1J-333FE	1	435033332R1	NSP
R8114	CHIP TYPE CARBON RESISTOR	RN72K1J-124FE	1	435031242R1	NSP
R8115	CHIP TYPE CARBON RESISTOR	RN72K1J-103FE	1	435031032R1	NSP
R8116	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R8118	CHIP TYPE CARBON RESISTOR	RN72K1J-332JE	1	435033324R1	NSP
R8119	CHIP TYPE CARBON RESISTOR	RN72K1J-682FE	1	435036822R1	NSP
R8120	CHIP TYPE CARBON RESISTOR	RN72K1J-332FE	1	435033322R1	NSP
R8121	CHIP TYPE CARBON RESISTOR	RN72K1J-103FE	1	435031032R1	NSP
R8123	CHIP TYPE CARBON RESISTOR	RN72K1J-332JE	1	435033324R1	NSP
R8124	CHIP TYPE CARBON RESISTOR	RN72K1J-272FE	1	435032722R1	NSP
R8125	CHIP TYPE CARBON RESISTOR	RN72K1J-222FE	1	435032222R1	NSP
R8126	CHIP TYPE CARBON RESISTOR	RN72K1J-103FE	1	435031032R1	NSP
R8127	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R8128	CHIP TYPE CARBON RESISTOR	RN72K1J-472JE	1	435034724R1	NSP
R8134	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R8135	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R8136	CHIP TYPE CARBON RESISTOR	RN72K1J-124FE	1	435031242R1	NSP
R8137	CHIP TYPE CARBON RESISTOR	RN72K1J-563FE	1	435035632R1	NSP
R8138	CHIP TYPE CARBON RESISTOR	RN72K1J-822FE	1	435038222R1	NSP
R8140	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8142	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R8144	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8145	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R8146	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8147	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8148	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8149	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8150	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8151	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8152	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP

R8153	CHIP TYPE CARBON RESISTOR	RN72K1J-100JE	1	435031004R1	NSP
R8154	CHIP TYPE CARBON RESISTOR	RN72K1J-100JE	1	435031004R1	NSP
R8161	C-METAL R	RN72K2B-105JE2	1	435111054R1	NSP
R8162	C-METAL R	RN72K2B-105JE2	1	435111054R1	NSP
R8163	C-METAL R	RN72K2B-105JE2	1	435111054R1	NSP
R8164	C-METAL R	RN72K2B-105JE2	1	435111054R1	NSP
R8165	C-METAL R	RN72K2B-105JE2	1	435111054R1	NSP
R8166	C-METAL R	RN72K2B-105JE2	1	435111054R1	NSP
R8191	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R8192	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R8197	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R8198	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R8400	CHIP RESISTOR NETWORK	MNR04MRAPJ103	1	43464710304R2	NSP
R8400or	CHIP RESISTOR NETWORK	YCN104-103-JK	(1)	43464C10304R1	NSP
R8401	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R8402	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R8402or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP
R8403	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R8405	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8406	CHIP TYPE CARBON RESISTOR	RN72K1J-101JE	1	435031014R1	NSP
R8407	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8408	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8414	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8415	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8416	CHIP TYPE CARBON RESISTOR	RN72K1J-101JE	1	435031014R1	NSP
R8417	CHIP TYPE CARBON RESISTOR	RN72K1J-105JE	1	435031054R1	NSP
R8418	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8421	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R8422	CHIP TYPE CARBON RESISTOR	RN72K1J-101JE	1	435031014R1	NSP
R8423	CHIP TYPE CARBON RESISTOR	RN72K1J-332JE	1	435033324R1	NSP
R8424	CHIP TYPE CARBON RESISTOR	RN72K1J-332JE	1	435033324R1	NSP
R8425	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8426	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8427	CHIP TYPE CARBON RESISTOR	RN72K1J-100JE	1	435031004R1	NSP
R8429	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8430	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8431	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8437	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R8438	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R8439	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R8440	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R8441	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R8442	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R8443	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R8444	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R8445	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R8446	CHIP TYPE CARBON RESISTOR	RN72K1J-472JE	1	435034724R1	NSP
R8447	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R8448	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R8449	CHIP TYPE CARBON RESISTOR	RN72K1J-182JE	1	435031824R1	NSP
R8450	CHIP TYPE CARBON RESISTOR	RN72K1J-182JE	1	435031824R1	NSP
R8451	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R8452	CHIP TYPE CARBON RESISTOR	RN72K1J-103FE	1	435031032R1	NSP
R8453	CHIP TYPE CARBON RESISTOR	RN72K1J-223FE	1	435032232R1	NSP
R8458	CHIP TYPE CARBON RESISTOR	RN72K1J-100JE	1	435031004R1	NSP

R8459	CHIP TYPE CARBON RESISTOR	RN72K1J-560JE	1	435035604R1	NSP
R8461	CHIP TYPE CARBON RESISTOR	RN72K1J-560JE	1	435035604R1	NSP
R8462	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R8464	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R8464or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP
R8465	CHIP RESISTOR NETWORK	MNR04MRAPJ101	1	43464710104R2	NSP
R8465or	CHIP RESISTOR NETWORK	YCN104-101-JK	(1)	43464C10104R1	NSP
R8466	CHIP RESISTOR NETWORK	MNR04MRAPJ220	1	43464722004R2	NSP
R8466or	CHIP RESISTOR NETWORK	YCN104-220-JK	(1)	43464C22004R1	NSP
R8467	CHIP RESISTOR NETWORK	MNR04MRAPJ220	1	43464722004R2	NSP
R8467or	CHIP RESISTOR NETWORK	YCN104-220-JK	(1)	43464C22004R1	NSP
R8468	CHIP RESISTOR NETWORK	MNR04MRAPJ220	1	43464722004R2	NSP
R8468or	CHIP RESISTOR NETWORK	YCN104-220-JK	(1)	43464C22004R1	NSP
R8469	CHIP RESISTOR NETWORK	MNR04MRAPJ220	1	43464722004R2	NSP
R8469or	CHIP RESISTOR NETWORK	YCN104-220-JK	(1)	43464C22004R1	NSP
R8471	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R8472	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R8473	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R8474	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R8475	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R8481	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R8482	CHIP TYPE CARBON RESISTOR	RN72K1J-010JE	1	435030104R1	NSP
R8483	CHIP TYPE CARBON RESISTOR	RN72K1J-010JE	1	435030104R1	NSP
R8484	CHIP TYPE CARBON RESISTOR	RN72K1J-010JE	1	435030104R1	NSP
R8485	CHIP TYPE CARBON RESISTOR	RN72K1J-010JE	1	435030104R1	NSP
R8613	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R8614	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R8615	CHIP TYPE CARBON RESISTOR	RN72K1J-100JE	1	435031004R1	NSP
R8623	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R8624	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R8625	CHIP TYPE CARBON RESISTOR	RN72K1J-100JE	1	435031004R1	NSP
R8633	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R8634	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R8635	CHIP TYPE CARBON RESISTOR	RN72K1J-100JE	1	435031004R1	NSP
R8702	CHIP RESISTOR NETWORK	MNR04MRAPJ221	1	43464722104R2	NSP
R8702or	CHIP RESISTOR NETWORK	YCN104-221-JK	(1)	43464C22104R1	NSP
R8703	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R8704	CHIP RESISTOR NETWORK	MNR04MRAPJ103	1	43464710304R2	NSP
R8704or	CHIP RESISTOR NETWORK	YCN104-103-JK	(1)	43464C10304R1	NSP
R8705	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R8707	CHIP RESISTOR NETWORK	MNR04MRAPJ103	1	43464710304R2	NSP
R8707or	CHIP RESISTOR NETWORK	YCN104-103-JK	(1)	43464C10304R1	NSP
R8709	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8710	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R8711	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R8712	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8713	CHIP TYPE CARBON RESISTOR	RN72K1J-101JE	1	435031014R1	NSP
R8721	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R8721or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP
R8723	CHIP TYPE CARBON RESISTOR	RN72K1J-472JE	1	435034724R1	NSP
R8727	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R8728	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R8729	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R8730	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8731	CHIP RESISTOR NETWORK	MNR04MRAPJ103	1	43464710304R2	NSP

R8731or	CHIP RESISTOR NETWORK	YCN104-103-JK	(1)	43464C10304R1	NSP
R8732	CHIP TYPE CARBON RESISTOR	RN72K1J-221JE	1	435032214R1	NSP
R8733	CHIP TYPE CARBON RESISTOR	RN72K1J-105JE	1	435031054R1	NSP
R8734	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8736	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R8737	CHIP TYPE CARBON RESISTOR	RN72K1J-472JE	1	435034724R1	NSP
R8738	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R8739	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R8740	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R8741	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R8743	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R8745	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R8746	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8750	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8752	CHIP RESISTOR NETWORK	MNR04MRAPJ101	1	43464710104R2	NSP
R8752or	CHIP RESISTOR NETWORK	YCN104-101-JK	(1)	43464C10104R1	NSP
R8753	CHIP RESISTOR NETWORK	MNR04MRAPJ470	1	43464747004R2	NSP
R8753or	CHIP RESISTOR NETWORK	YCN104-470-JK	(1)	43464C47004R1	NSP
R8754	CHIP TYPE CARBON RESISTOR	RN72K1J-470JE	1	435034704R1	NSP
R8757	CHIP RESISTOR NETWORK	MNR04MRAPJ101	1	43464710104R2	NSP
R8757or	CHIP RESISTOR NETWORK	YCN104-101-JK	(1)	43464C10104R1	NSP
R8758	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R8961	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R8962	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R8964	CHIP TYPE CARBON RESISTOR	RN72K1J-563FE	1	435035632R1	NSP
R8965	CHIP TYPE CARBON RESISTOR	RN72K1J-274FE	1	435032742R1	NSP
R8966	CHIP TYPE CARBON RESISTOR	RN72K1J-103FE	1	435031032R1	NSP
R8982	CHIP TYPE CARBON RESISTOR	RN72K1J-104FE	1	435031042R1	NSP
R8983	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R8985	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R8989	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
[Switches, Terminals, Wires]					
P010	PRINTED WIRING BOARD	BCPRC-2045	1	25142045A	N NSP
P2301A	SOCKET	NSCT-27P2490	1	25052593R2	NSP
P2302A	SOCKET	NSCT-21P2484	1	25052587R2	NSP
P2501A	SOCKET	NSCT-15P2478	1	25052581R2	NSP
P2502A	SOCKET	NSCT-17P2480	1	25052583R2	NSP
P3201	SOCKET	NSCT-9P2472	1	25052575R2	NSP
P3651	SOCKET	MP04B1S2AM0-07T	1	25053617R3	NSP
P3652A	PLUG	NPLG-5P918	1	25055965R2	NSP
P3654	SOCKET	APCI0085-P012A	1	25053616R2	NSP
P3658	TERMINAL	APCI0213-K001G	1	25060548R2	NSP
P7011A	SOCKET	NSCT-27P2490	1	25052593R2	NSP
P7013A	SOCKET	NSCT-11P2474	1	25052577R2	NSP
P7501	SOCKET	NSCT-9P2472	1	25052575R2	NSP
P902B	PLUG	NPLG-9P922	1	25055969R2	NSP
[Accessories]					
P8001	SOCKET	51U019S-3HFDN-BD-SM	1	25053549R3	NSP
P8611	SOCKET	51U019S-3HFDN-BD-SM	1	25053549R3	NSP
P8621	SOCKET	51U019S-3HFDN-BD-SM	1	25053549R3	NSP
P8631	SOCKET	51U019S-3HFDN-BD-SM	1	25053549R3	NSP
P8641	SOCKET	51U019S-3HFDN-BD-SM	1	25053549R3	NSP

BAPS-2236-1D

<Note>

1. Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.
2. The ! mark found on some component parts indicates the importance of the safety factor of the part.
Therefore, when replacing, be sure to use parts of identical designation.

: NSP

REF. NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
[Semi-conductors]					
D901	DIODE	TS10B06G-07	1	22380379	
D902	DIODE	M1FL20U	1	223276R2	NSP
D903	DIODE	FM4007W	1	22380392R2	NSP
D904	SPECIFIED DIODE	P6SMB20A-M3/52	1	225515R2	NSP
D905	DIODE	M1FL20U	1	223276R2	NSP
D906	DIODE	GU1M-60A-2	1	22380405R2	NSP
D907	DIODE	FMEN-220A	1	22380396	
D907A	HEAT SINK	ME151025402170	1	27160692	NSP
D907B	SCREW	3P+6FN(3BC)	1	82143006GR	NSP
D909	DIODE	RFN20TB4S	1	22380390	
D909A	HEAT SINK	RAD-083	1	27160271	NSP
D909B	SCREW	3P+6FN(3BC)	1	82143006GR	NSP
D910	CHIP TYPE DIODE	DA2J10100	1	223303R2	NSP
D912	DIODE	GU1M-60A-2	1	22380405R2	NSP
D914	DIODE	M1FL20U	1	223276R2	NSP
D916	CHIP TYPE DIODE	DA2J10100	1	223303R2	NSP
D917	CHIP TYPE DIODE	DA2J10100	1	223303R2	NSP
D918	ZENER DIODE	DZ2J360M0L	1	224763600R2	NSP
D919	SPECIFIED DIODE	P6SMB20A-M3/52	1	225515R2	NSP
D921	ZENER DIODE	DZ2J200M0L	1	224762000R2	NSP
D922	CHIP TYPE DIODE	DA2J10100	1	223303R2	NSP
Q1	HYBRID IC	RZ5B801-0001E2	1	22242835R2	NSP
Q901	TRANSISTOR	KTC4373-Y	1	2218120R2	NSP
Q902	HYBRID IC	BM1P061FJ	1	22242967R2	NSP
Q903	TRANSISTOR	R6520ENX	1	2218860	
Q903A	HEAT SINK	RAD-083	1	27160271	NSP
Q903B	SCREW	3P+6FN(3BC)	1	82143006GR	NSP
Q904	TRANSISTOR	INA5001AP1-T111	1	2218030R2	NSP
Q905	HYBRID IC	EL816MX	1	22242845	
Q906	HYBRID IC	KIA431A-AT/P	1	22242770T	NSP
Q907	TRANSISTOR	KTC4373-Y	1	2218120R2	NSP
Q908	HYBRID IC	STR2A153	1	22242995	
Q909	HYBRID IC	EL816MX	1	22242845	
Q910	HYBRID IC	KIA431A-AT/P	1	22242770T	NSP
Q911	HYBRID IC	EL816MX	1	22242845	
Q912	TRANSISTOR	KRA102S	1	2216220R2	NSP
Q913	TRANSISTOR	2SC2712-GR	1	2213145R2	NSP
Q914	TRANSISTOR	RRR030P03TL	1	2217770R2	NSP
Q915	HYBRID IC	LM61CIZ	1	22242212	
Q916	TRANSISTOR	2SC2712-GR	1	2213145R2	NSP
Q917	TRANSISTOR	2SC2712-GR	1	2213145R2	NSP
Q918	TRANSISTOR	2SA1162-GR	1	2214375R2	NSP
Q919	TRANSISTOR	2SA1162-GR	1	2214375R2	NSP

Q920	TRANSISTOR	INA5001AP1-T111	1	2218030R2	NSP
Q922	TRANSISTOR	2SA1162-GR	1	2214375R2	NSP
Q923	TRANSISTOR	KRC102S	1	2216190R2	NSP
Q924	TRANSISTOR	KRC102S	1	2216190R2	NSP
Q925	TRANSISTOR	KRC102S	1	2216190R2	NSP
Q926	HYBRID IC	EL816MX	1	22242845	
X1	CRYSTAL	HC-49S 9B12.000MHz	1	3010533	N
[Transformers, Coils]					
L1	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
L2	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
L3	RF COIL	SDCL1608CR33JTDF	1	233557R1	N NSP
L4	RF COIL	SDCL1608CR10JTDF	1	233556R1	N NSP
L901	FERRITE CORE	BL02RN2R1P1A	1	230906T	NSP
L902	FERRITE CORE	BL02RN2R1P1A	1	230906T	NSP
L904	CHOKE COIL	RCR1010NP-100M	1	231449M100	
L905	CHOKE COIL	PI-8003-0031	1	231516	
L906	CHOKE COIL	GATDC1010-150MT	1	231468M150	
T901	COIL	EM-ET2424-0033	1	231484	
T902	COIL	EM-ET2424-0033	1	231484	
T903	POWER TRANSFORMER	NPT-1681S	1	2302187	!
T904	POWER TRANSFORMER	NPT-1682S	1	2302188	!
T907	FL TRANS	10RFG	1	2302190	
[Capacitors]					
C1	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-101J1	1	342101014R1	NSP
C12	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-090D1	1	342100902R1	NSP
C13	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C2	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-220J1	1	342102204R1	NSP
C3	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-332K1	1	332103325R1	NSP
C4	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-100D1	1	342101002R1	NSP
C5	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-473K1	1	332104735R1	NSP
C6	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-222K1	1	332102225R1	NSP
C7	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-105K1	1	332131055R1	NSP
C8	CHIP TYPE CERAMIC CAPACITOR	CK725B1A-105K1	1	332131055R1	NSP
C9	CHIP TYPE CERAMIC CAPACITOR	CK732B16V-106K	1	332071065R2	NSP
C901	IS TYPE CAPACITOR	LE224-MX-C3.5	1	3800050S	!
C902	IS TYPE CAPACITOR	LE224-MX-C3.5	1	3800050S	!
C903	ELECTROLYTIC CAPACITOR	CE04W400V-220M	1	3500292S	
C904	CHIP TYPE CERAMIC CAPACITOR	GRM31B7U3A471JW31L	1	3400032R2	NSP
C905	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-470J1	1	342104704R1	NSP
C906	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-102K1	1	332101025R1	NSP
C907	CHIP TYPE CERAMIC CAPACITOR	CC725CH1H-471J1	1	342104714R1	NSP
C908	CHIP TYPE CERAMIC CAPACITOR	GRM31A7U3A101JW31D	1	3300074R1	N NSP
C909	CERAMIC CAPACITOR	GRM31C7U2J472JW32	1	3400047R2	NSP
C910	JAMICON TYPE ELECTROLYTIC CAPACITO	CE04W50V-22M	1	398582207T	
C911	IS TYPE CAPACITOR	DE1E3KX102MJ4BN01F	1	3300100S	!
C911or	IS TYPE CAPACITOR	DE1E3KX102MB4BL01	(1)	3300066S	!
C912	IS TYPE CAPACITOR	DE1E3KX102MJ4BN01F	1	3300100S	!
C912or	IS TYPE CAPACITOR	DE1E3KX102MB4BL01	(1)	3300066S	!
C913	IS TYPE CAPACITOR	DE1E3KX102MJ4BN01F	1	3300100S	!
C913or	IS TYPE CAPACITOR	DE1E3KX102MB4BL01	(1)	3300066S	!
C914	VR TYPE ELECTROLYTIC CAPACITOR	CE04W50V-47M(VR)	1	394684707T	
C915	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C916	CHIP TYPE CERAMIC CAPACITOR	GRM31B7U3A471JW31L	1	3400032R2	NSP
C917	ELECTROLYTIC CAPACITOR	CE04W50V-470M(KY_K20)	1	3500293T	
C918	ELECTROLYTIC CAPACITOR	CE04W50V-470M(KY_K20)	1	3500293T	

C919	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C920	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C921	CERAMIC CAPACITOR	GRM31C7U2J472JW32	1	3400047R2	NSP
C922	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C924	PW TYPE ELECTROLYTIC CAPACITOR	CE04W50V-10M(PW)	1	393781007T	
C925	ELECTROLYTIC CAPACITOR	CE04W25V-1000M(KY_K20)	1	3500294T	
C926	PW TYPE ELECTROLYTIC CAPACITOR	CE04W25V-470M(PW)	1	393754717T	
C927	PW TYPE ELECTROLYTIC CAPACITOR	CE04W50V-10M(PW)	1	393781007T	
C928	CHIP TYPE CERAMIC CAPACITOR	GRM31A7U3D220JW31D	1	3300071R1	NSP
C930	CHIP TYPE CERAMIC CAPACITOR	CK725B1C-104K1	1	332121045R1	NSP
C931	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W50V-10M(UTSP)	1	397581007AT	
C932	UMXR TYPE PLASTIC FILM CAPACITOR	1JUMXRTE222JE	1	376592224T	NSP
C933	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-332K1	1	332103325R1	NSP
C935	UMXR TYPE PLASTIC FILM CAPACITOR	1JUMXRTE272JE	1	376592724T	NSP
C936	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C937	CHIP TYPE CERAMIC CAPACITOR	GRM31B7U3A471JW31L	1	3400032R2	NSP
C938	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C939	CHIP TYPE CERAMIC CAPACITOR	CK725B1H-104K1	1	332101045R1	NSP
C940	CHIP TYPE CERAMIC CAPACITOR	CK725B25V-105K1	1	332111055R1	NSP
C941	UTSP TYPE ELECTROLYTIC CAPACITOR	CE04W50V-220M(UTSP)	1	397582217T	
[Resistors]					
R10	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R11	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R13	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R14	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R2	CHIP TYPE CARBON RESISTOR	RN72K1J-101JE	1	435031014R1	NSP
R21	CHIP TYPE CARBON RESISTOR	RN72K2E-000JE	1	435220004R1	NSP
R22	CHIP TYPE CARBON RESISTOR	RN72K2E-000JE	1	435220004R1	NSP
R3	EMI SUPPRESSION FILTER	BK1608HS601-T	1	230984R1	NSP
R4	EMI SUPPRESSION FILTER	BK1608HS601-T	1	230984R1	NSP
R5	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R6	CHIP TYPE CARBON RESISTOR	RN72K1J-472JE	1	435034724R1	NSP
R7	CHIP TYPE CARBON RESISTOR	RN72K1J-472JE	1	435034724R1	NSP
R8	CHIP TYPE CARBON RESISTOR	RN72K1J-101JE	1	435031014R1	NSP
R9	CHIP TYPE CARBON RESISTOR	RN72K1J-101JE	1	435031014R1	NSP
R901	CHIP TYPE CARBON RESISTOR	KTR18EZPF6803	1	435236842R1	NSP
R902	CHIP TYPE CARBON RESISTOR	KTR18EZPF6803	1	435236842R1	NSP
R903	CHIP TYPE CARBON RESISTOR	KTR18EZPF6803	1	435236842R1	NSP
R904	CHIP TYPE CARBON RESISTOR	RN72K1J-332JE	1	435033324R1	NSP
R905	METAL PLATE RESISTOR	BPR26CFR10K	1	4500001	
R906	CHIP TYPE CARBON RESISTOR	MCR18EZPJ225	1	4100049R1	NSP
R907	CHIP TYPE CARBON RESISTOR	MCR18EZPJ225	1	4100049R1	NSP
R908	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R909	CHIP TYPE CARBON RESISTOR	RN72K1J-222JE	1	435032224R1	NSP
R910	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R911	CHIP TYPE CARBON RESISTOR	RN72K1J-101JE	1	435031014R1	NSP
R912	CHIP TYPE CARBON RESISTOR	RN72K2E-100JE	1	435221004R1	NSP
R913	CHIP TYPE CARBON RESISTOR	RN72K1J-104JE	1	435031044R1	NSP
R914	CHIP TYPE CARBON RESISTOR	RN72K2E-100JE	1	435221004R1	NSP
R915	CHIP TYPE CARBON RESISTOR	RN72K1J-684JE	1	435036844R1	NSP
R916	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R917	CHIP TYPE CARBON RESISTOR	RN72K1J-152JE	1	435031524R1	NSP
R918	METAL OXIDE FILM RESISTOR	RS1WBJ-10	1	443621004T	NSP
R919	METAL OXIDE FILM RESISTOR	RS1WBJ-10	1	443621004T	NSP
R920	CHIP TYPE CARBON RESISTOR	RN72K1J-154FE	1	435031542R1	NSP

R921	CHIP TYPE CARBON RESISTOR	RN72K1J-153FE	1	435031532R1	NSP
R922	CHIP TYPE CARBON RESISTOR	RN72K1J-153FE	1	435031532R1	NSP
R923	CHIP TYPE CARBON RESISTOR	RN72K1J-182JE	1	435031824R1	NSP
R924	CHIP TYPE CARBON RESISTOR	RN72K2E-222JE	1	435222224R1	NSP
R925	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R926	METAL RESISTOR	RNU1/2WCJ-3.3	1	453530334T	NSP
R927	CHIP TYPE CARBON RESISTOR	RN72K1J-392JE	1	435033924R1	NSP
R928	CHIP TYPE CARBON RESISTOR	RN72K1J-273FE	1	435032732R1	NSP
R929	CHIP TYPE CARBON RESISTOR	RN72K1J-822JE	1	435038224R1	NSP
R930	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R931	METAL OXIDE FILM RESISTOR	RS1/2WBJ-68	1	443526804T	NSP
R932	METAL OXIDE FILM RESISTOR	RS1WBJ-22K	1	443622234T	NSP
R933	METAL RESISTOR	RNU1WCJ-0.47	1	453634794T	NSP
R934	THERMISTOR	3D2-14LC	1	4000276	
R935	METAL OXIDE FILM RESISTOR	RS1WBJ-100K	1	443621044T	NSP
R936	CHIP TYPE CARBON RESISTOR	RN72K1J-182JE	1	435031824R1	NSP
R937	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R939	CHIP TYPE CARBON RESISTOR	RN72K1J-152JE	1	435031524R1	NSP
R940	CHIP TYPE CARBON RESISTOR	RN72K1J-223FE	1	435032232R1	NSP
R941	CHIP TYPE CARBON RESISTOR	RN72K1J-333FE	1	435033332R1	NSP
R942	CHIP TYPE CARBON RESISTOR	RN72K1J-333FE	1	435033332R1	NSP
R943	METAL OXIDE FILM RESISTOR	RS1/2WBJ-100	1	443521014T	NSP
R944	CHIP TYPE CARBON RESISTOR	RN72K1J-105JE	1	435031054R1	NSP
R945	CHIP TYPE CARBON RESISTOR	RN72K1J-222JE	1	435032224R1	NSP
R946	CHIP TYPE CARBON RESISTOR	RN72K2E-220JE	1	435222204R1	NSP
R947	CHIP TYPE CARBON RESISTOR	RN72K2E-033JE	1	435220334R1	NSP
R948	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R949	CHIP TYPE CARBON RESISTOR	RN72K1J-102JE	1	435031024R1	NSP
R950	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R951	CHIP TYPE CARBON RESISTOR	RN72K1J-683JE	1	435036834R1	NSP
R952	CHIP TYPE CARBON RESISTOR	RN72K1J-472JE	1	435034724R1	NSP
R953	CHIP TYPE CARBON RESISTOR	RN72K2E-473JE	1	435224734R1	NSP
R954	CHIP TYPE CARBON RESISTOR	RN72K2E-473JE	1	435224734R1	NSP
R955	CHIP TYPE CARBON RESISTOR	RN72K2E-473JE	1	435224734R1	NSP
R956	CHIP TYPE CARBON RESISTOR	RN72K2E-473JE	1	435224734R1	NSP
R957	CHIP TYPE CARBON RESISTOR	RN72K1J-154JE	1	435031544R1	NSP
R958	METAL OXIDE FILM RESISTOR	RS1WBJ-22K	1	443622234T	NSP
R959	CHIP TYPE CARBON RESISTOR	RN72K1J-103JE	1	435031034R1	NSP
R960	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R962	CHIP TYPE CARBON RESISTOR	RN72K1J-220JE	1	435032204R1	NSP
R963	CHIP TYPE CARBON RESISTOR	RN72K1J-104JE	1	435031044R1	NSP
R964	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R965	CHIP TYPE CARBON RESISTOR	RN72K1J-333JE	1	435033334R1	NSP
R966	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R967	CHIP TYPE CARBON RESISTOR	RN72K1J-473JE	1	435034734R1	NSP
R971	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R972	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R974	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R975	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R976	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R977	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R981	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R983	CHIP TYPE CARBON RESISTOR	RN72K1J-000JE	1	435030004R1	NSP
R984	CHIP TYPE CARBON RESISTOR	RN72K2E-000JE	1	435220004R1	NSP

F901	FUSE	T4A-SEUL-T250V	1	252392T	!
F902	FUSE	1A-SEUL-250V	1	252417T	!, N
P030	PRINTED WIRING BOARD	BCPS-2236	1	25142236A	N NSP
P030	PRINTED WIRING BOARD	BCETC-2249	{1}	25142249	N NSP
P030	PRINTED WIRING BOARD	BCRF-2346	{1}	25142346	N NSP
P1	TERMINAL	NTM-1PDSC437	1	25060515	
P101A	SOCKET	NSCT-7P2100	1	25052203	NSP
P901	PLUG	NPLG-2P631	1	25055675	NSP
P902	WIRE HARNESS ASSEMBLY	NSAS-9P2140	1	2009991329UL	NSP
P902A	WIRE HOL	CHD-1.5-9	1	25053538	NSP
P903A	PLUG	NPLG-5P133	1	25055149	NSP
P904A	WIRE HARNESS ASSEMBLY	NSAS-14P2456	1	2009991592UL	N NSP